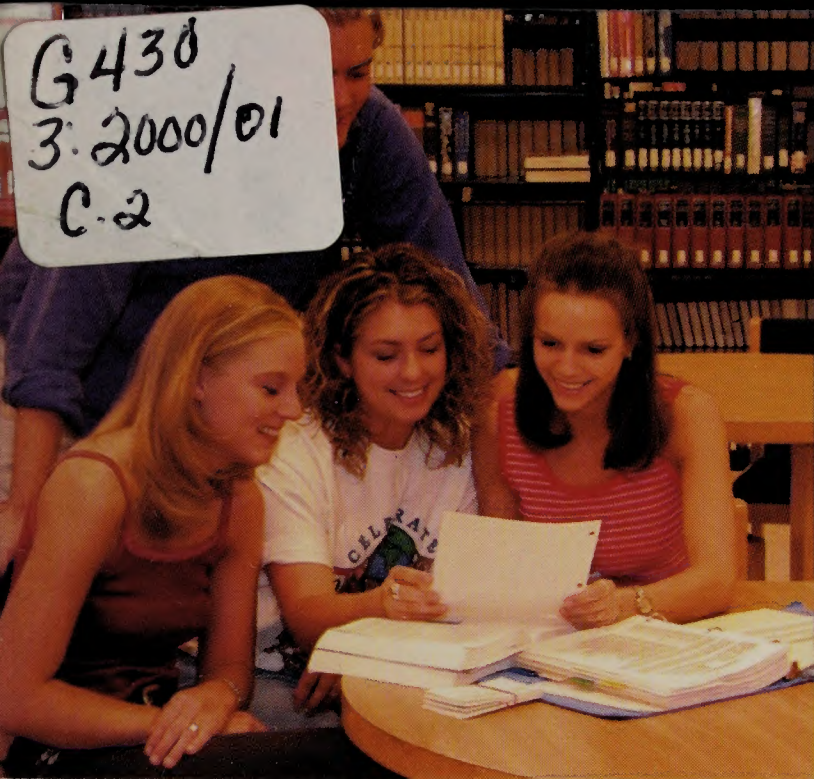
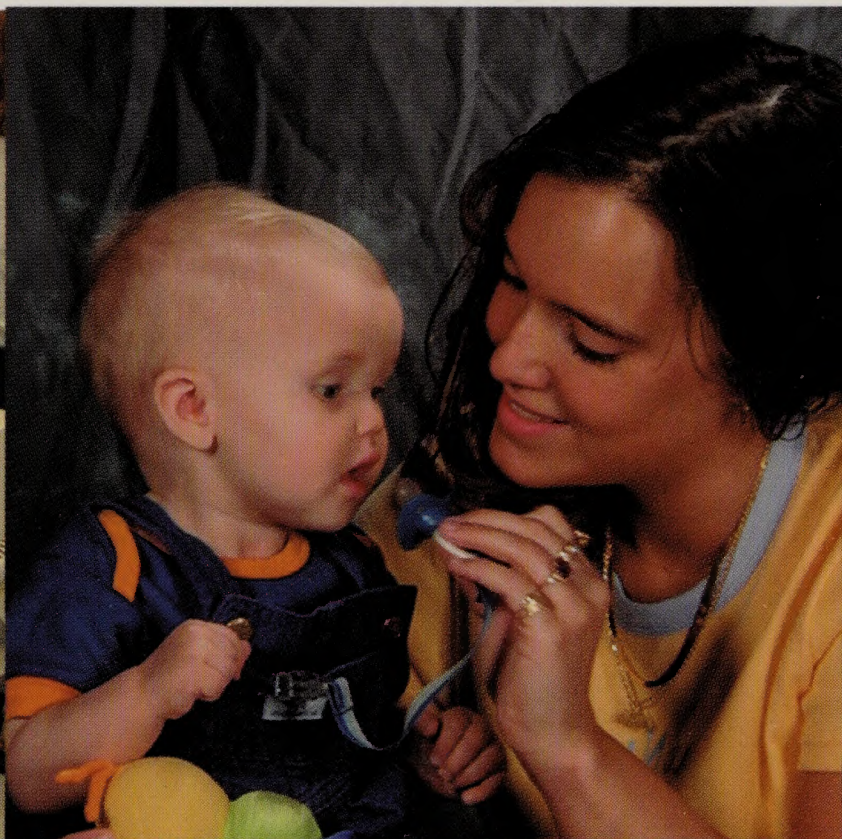




Mayland Community College 2000-2001 Catalog



N.C. DOCUMENTS
CLEARINGHOUSE

SEP 1 1 2000

STATE LIBRARY OF NORTH CAROLINA
RALEIGH



Digitized by the Internet Archive
in 2017 with funding from
State Library of North Carolina

MAYLAND COMMUNITY COLLEGE

Announcement of Programs for 2000-2001



Excellence Within Reach

MEMBER

Alliance of Community College Innovation
American Association of Community Colleges
American Horticultural Therapy Association
Associated Landscape Contractors of America
Association for Childhood Education International
Association of Community College Business Officials
Association of Community College Trustees
Automotive Service Association
Avery/Banner Elk Chamber of Commerce
Avery County Partnership for Children
Avery Providers' Association
Carolinas Association of Collegiate Registrars & Admissions Officers
Carolinas Chapter of American Horticultural Therapy Association
College and University Personnel Association
Correctional Education Association
LERN (Learning Resources Network)
Mitchell County Chamber of Commerce
Mitchell/Yancey Providers' Association
Mountain College Library Network
National Association for the Education of Young Children
National Association of Student Financial Aid Administrators
North Carolina Association of Colleges and Universities
North Carolina Association of Community College Trustees
North Carolina Association of Student Financial Aid Administrators, Inc.
North Carolina Career Development Association
North Carolina Chapter-College and University Personnel Association
North Carolina Citizens for Business & Industry
North Carolina Community College Childhood Educators
North Carolina Community College Student Development Personnel Association
North Carolina Community College System
Public Relations, Information and Marketing Association
Southern Association of Colleges and Schools
Southern Association of Community, Junior and Technical Colleges
Southern Association of Student Financial Aid Administrators
University of Florida Research/Community College Business Officers
Yancey County Chamber of Commerce

For additional information, contact

MAYLAND COMMUNITY COLLEGE

200 Mayland Drive, PO Box 547

Spruce Pine, NC 28777-0547

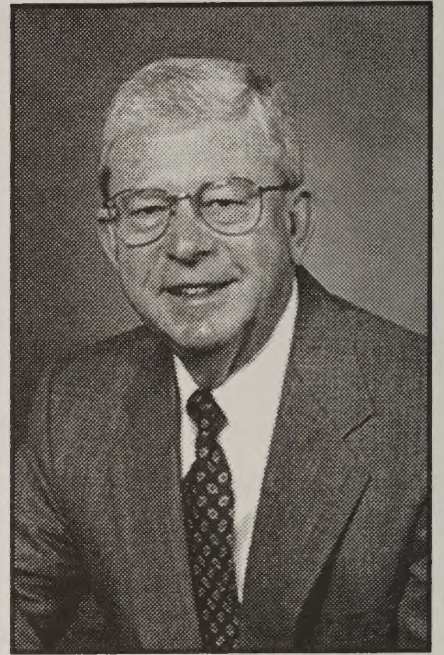
(828) 765-7351 or 1-800-462-9526

Website: <http://www.mayland.cc.nc.us>

An Affirmative Action/Equal Opportunity Institution

MESSAGE FROM THE PRESIDENT

Thousands of people have chosen Mayland Community College as their place to prepare for careers since 1971, when the North Carolina General Assembly officially chartered the institution to serve Mitchell, Avery and Yancey Counties. Mayland became a community college in 1988 and is authorized by the North Carolina Community College System to offer the Associate in Arts, Associate in General Education, Associate in Science and Associate in Applied Science degrees, as well as diplomas and certificates. In addition to its credit programs, MCC provides continuing education and literacy training throughout the service area and assists with a wide range of economic development activities.



I became President of Mayland Community College on May 1, 1997. Before I even decided to apply for the presidency, I read hundreds of pages about the college. What I read sold me on MCC and helped me make my decision, and those same facts will make you glad that you made yours:

- MCC's #1 goal is student success;
- MCC's students who transfer do better at universities than students who started out at the university;
- MCC's high quality technical and vocational programs;
- MCC's small classes and personal attention to students;
- MCC's pride in its facilities;
- MCC's more than 30 program offerings available;
- MCC's low cost is a great value; and
- MCC's enrollment growth

There was no question about it. I wanted to be part of this College, and I am pleased that you will join me at Mayland. I invite you to look at the programs and services described in this catalog. Visit our campus locations and our Web page. Talk to our faculty and staff, and you will discover why we are so proud of our history and are so optimistic about the future.

Attending Mayland Community College is an exciting and challenging learning experience. While you are here, take advantage of the many opportunities designed to help you reach your potential. We offer our students an unparalleled educational experience, an experience enriched both by our traditions and the emphasis we place on building and sustaining a community of scholars and learners on our campus. You will learn, you will grow, and you will stretch yourself beyond anything you imagined possible.

Sincerely,

A handwritten signature in cursive script that reads "Thomas E. Williams".

Thomas E. Williams
President

TABLE OF CONTENTS

Correspondence Directory	4
Affirmative Action/Equal Employment Opportunity Policy	6
College Calendar	7
History/College Mission/Goals/Values	9
General Information	11
Student Development Services	17
Academic Requirements	41
Instructional Support Services	53
Continuing Education	57
Curriculum Programs	67
Accounting	70
Associate Degree Nursing	76
Associate in General Education	78
Autobody Repair	80
Basic Law Enforcement Training	83
Business Administration	84
Associate in Cosmetology	88
Cosmetology Instructor Training	91
Esthetics Technology	92
Manicuring Instructor Training	93
Criminal Justice Technology	94
Early Childhood Associate	96
Electrical/Electronics Technology	100
Electronics Engineering Technology	102
General Occupational Technology	108
Horticulture Technology	109
Industrial Maintenance	112
Information Systems	114
Medical Office Administration	118
Nursing Assistant	120
Office Systems Technology	121
Truck Driving Training	127
Welding Technology	128
Transfer Programs	
Associate in Arts	133
Associate in Arts - Pre-Major, Birth to Kindergarten	137
Associate in Arts - Pre-Business Administration	140
Associate in Arts - Pre-Criminal Justice	143
Associate in Arts - Pre-Elementary Education	146
Associate in General Education - Business Administration	
Concentration: Marketing and Retailing	150
Associate in General Education - Business Administration	
Concentration: Operations Management	152
Associate in General Education - Forest Management Technology	154
Associate in General Education - Physical Therapy Assistant	156
Associate in Science	158
Course Descriptions	161
Personnel	224
Map	246
Index	247

Correspondence Directory

Inquiries concerning aspects of the College’s operations and policies should be addressed to the officials listed below.

Mayland Community College
PO Box 547
200 Mayland Drive
Spruce Pine, NC 28777
(828) 765-7351/1-800-4-MAYLAND
(828) 765-0728 (fax)

FOR INFORMATION ABOUT:

WRITE TO:

Adult Basic Education Programs	Director, Basic Skills Program
• Adult Enrichment Program	• GED Program
• Adult Preparatory Program	• Learning Laboratory
• Basic Skills Program	
Business Office	Vice President of Administrative Services
• Auxiliary Services	• Payments/Refunds
• Bookstore/Snackbar	• Payroll
• Parking Permits	
Continuing Education	Vice President of Instructional Services
• Avery Campus, P.O. Box 94, Newland, NC 28657 (828/733-5883)	
• Mitchell County, MCC Campus, PO Box 547, Spruce Pine, NC 28777 (828/765-7351 or 1-800-4-MAYLAND)	
• Small Business Center, MCC Campus (828/765-7351 or 1-800-4-MAYLAND)	
• Yancey Campus, P.O. Box 314, Burnsville, NC 28714 (828/682-7315)	
Institutional Advancement ..	Director of Planning and Institutional Advancement
• Development and Fundraising	• Planning and Research
• Grantwriting	• Public Relations
• Graphic Design	• Publications
• MCC Foundation	• Website
• Marketing	• Video Production
Instructional Services	Vice President of Instructional Services
• Academic Policies and Procedures	• Curriculum Programs
• Curriculum Faculty	

Learning Resources Center	Director, Learning Resources Center
• Appalachian Room	• Interlibrary Loan
• Audio Visual Services	• Public Services
• Distance Education (RAVEN System)	
Management Information Services (MIS)	Director, MIS
Phillips-Gwaltney Child Development Center (CDC)	Director, CDC
(828) 765-1401	
• Child Care Services	
President's Office	President
• General Matters	• Personnel
Support Options for Achievement and Retention (S.O.A.R.) Program	Director of S.O.A.R. Program
• Assistance for Students with Disabilities	• Counseling Services
• Basic Skills Development	• Cultural and Social Events
• College Transfer Assistance	• Free Tutoring and Peer Advising
	• Personal Development and Study Skills
Student Services Office	Vice President of Student Services
• Admissions and Registration	• Student Insurance
• Career Counseling	• Student Records
• College Transfer Counseling	• Student Guidelines and Policies
• Counseling Services	• Student Organizations
• Data Collection and Reporting	• Transcript Assistance
• Employability Services	• Transfer Assistance
• Financial Aid	• Placement Testing
• Orientation	• Veterans Affairs

AFFIRMATIVE ACTION/ EQUAL EMPLOYMENT OPPORTUNITY POLICY

It is the policy of Mayland Community College not to discriminate against any employee, applicant or student because of age, race, color, religion, sex, national origin, handicap/disability, exercise of rights guaranteed by the First Amendment to the Constitution of the United States, or sexual orientation to the extent such rights are recognized and/or protected under applicable federal or state laws, and to take affirmative action to ensure that applicants will be employed and personnel actions will be taken during employment commensurate with this policy. In furtherance of this policy, the College shall:

- Apply all policies, procedures and standards of the College as evenly as practicable;
- Ensure that resources are available to all without discrimination as prohibited in this policy;
- Recruit and employ faculty and staff at all levels and in all departments of the College without discrimination as prohibited in this policy in order to maintain standards of employment consistent with normative job requirements;
- Provide remuneration on the basis of equal pay for tasks involving equal skills, effort, responsibilities and performance under equal working conditions; and
- Extend to employees opportunities to equip themselves for advancement within the College without discrimination as prohibited in this policy to ensure that such advancement is based solely on individual performance and task requirements.

In addition to a commitment to equal employment opportunity, the College shall act affirmatively in actions in support of this policy. The affirmative action shall, at a minimum, support the goal of attaining a relationship of minorities and women in employment equal to their proportionate representation within the institution's service area for faculty, administrative, professional and non-exempt positions.

This catalog contains a current description of Mayland Community College. It may be changed from time to time to carry out the purposes and objectives of the College. Important changes in fees, dates, programs and policies will be publicized to the student body and reflected in the next issue of the catalog and the catalog addendum. It is not a contract.

COLLEGE CALENDAR FOR 2000-2001

FALL SEMESTER 2000

Registration	Thursday, August 17
Last Day to Pay	Thursday, August 17
First Day of Classes	Monday, August 21
Drop/Add	August 21-25
Labor Day Holiday (College Closed)	Monday, September 4
End of Unconditional Withdrawal	Wednesday, October 4
Professional Development Day	Monday, Tuesday, October 9, 10
Fall Break (No Classes)	Monday-Wednesday, October 9-11
End of Conditional Withdrawal	Tuesday, October 31
Veteran's Day (College Closed)	Friday, November 10
Advising/Early Spring Registration	Monday-Friday, November 13-17
Thanksgiving Holidays (College Closed)	Thursday, Friday, November 23, 24
Last Day of Classes – Friday Classes	Tuesday, December 19
Grades Due 9:00 am	Thursday, December 21
Christmas Holidays (College Closed)	December 25-28
Staff Leave Day (College Closed)	Friday, December 29

SPRING SEMESTER 2001

New Year Holiday (College Closed)	Monday, January 1
Registration	Thursday, January 4
Last Day to Pay	Thursday, January 4
First Day of Classes	Monday, January 8
Drop/Add	January 8-12
End of Unconditional Withdrawal	Friday, February 16
Spring Break (No Classes)	March 12-16
End of Conditional Withdrawal	Wednesday, March 21
Advising/Early Summer Registration	March 26-30
Professional Development Day	Thursday, April 12
Good Friday (College Closed)	Friday, April 13
Friday Classes	Monday, May 7
Last Day of Classes – Thursday Classes	Tuesday, May 8
Grades Due 9:00 am	Thursday, May 10
GED Graduation	Friday, May 11
Graduation	Saturday, May 12
Memorial Day Holiday (College Closed)	Monday, May 28

SUMMER SEMESTER 2001

Registration	Thursday, May 31
Last Day to Pay	Thursday, May 31
First Day of Classes	Monday, June 4
Drop/Add	June 4-6
End of Unconditional Withdrawal	Thursday, June 21
Summer Break (No Classes)	July 2-6
Fourth of July Holiday (College Closed)	Wednesday, July 4
Advising /Early Fall Registration	July 16-20
End of Conditional Withdrawal	Tuesday, July 17
Last Day of Classes	Friday, August 3
Grades Due 9:00 am	Tuesday, August 7

MAYLAND COMMUNITY COLLEGE

HISTORY

Mayland Technical Institute was approved by the 1971 session of the General Assembly of North Carolina upon recommendations of the State Board of Education, the Advisory Budget Commission and the Governor. The recommendations and approval were based upon the work by local citizens of the Tri-County area—Mitchell, Avery, and Yancey counties (hence its name MAYland). Located in the Blue Ridge Mountains of western North Carolina, Mayland is one of fifty-nine institutions in the North Carolina Community College System.

On December 3, 1979, the Institute was formally renamed Mayland Technical College by the Institute Trustees and the Boards of County Commission of Mitchell, Avery, and Yancey counties.

On January 1, 1988, the College was formally renamed Mayland Community College by the College Trustees and the Boards of County Commission of Mitchell, Avery, and Yancey counties.

The College also operates the Small Business Center located on campus, as well as satellite campuses located in Newland and Burnsville.

COLLEGE MISSION AND GOALS STATEMENT

Mayland Community College, located in the Blue Ridge Mountains of western North Carolina, has a commitment to technical, vocational, college transfer, basic skills, continuing education and economic development and operates under the “Open Door” policy of the North Carolina Community College System. Mayland Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the associate degree, diploma and certificate.

The mission of Mayland Community College is to serve the adult population of Mitchell, Avery and Yancey counties by providing a continuum of educational resources to enable students to meet their current learning needs, high quality educational programs that will prepare people for employment or that will transfer to other institutions of higher learning, and opportunities to improve the standards of living and the quality of life of residents of the participating counties.

In keeping with the mission of Mayland Community College, the Board of Trustees, staff and faculty have adopted the following goals. To:

1. Provide effective, efficient instructional/academic programs and modify them as necessary in order to meet the identified needs of the people served.
2. Provide effective support services which assist and enable students to achieve their educational goals.

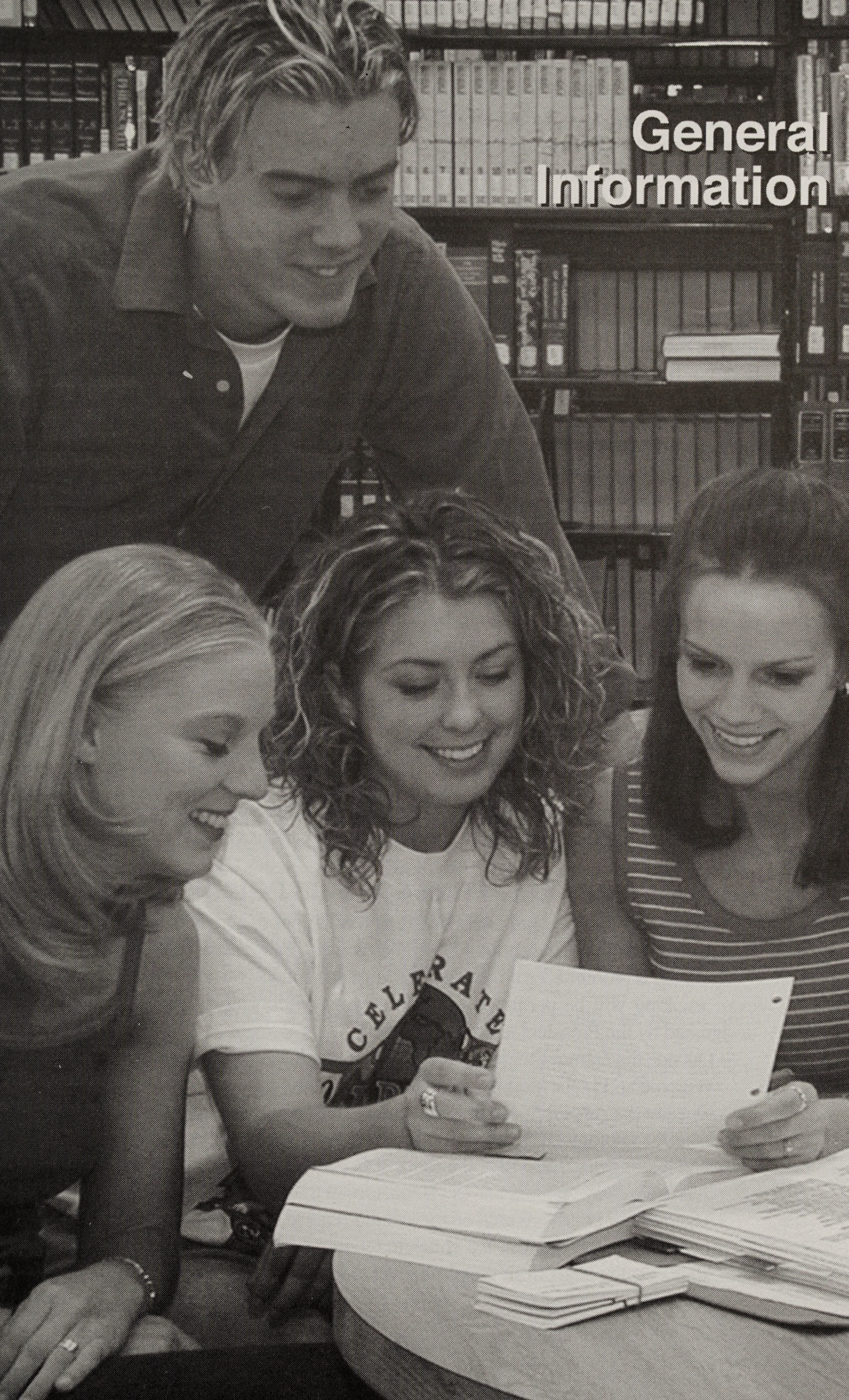
3. Provide an effective teaching and learning environment conducive to the achievement of each student's maximum potential.
4. Reach out to the community through special programs for the traditionally underserved, as well as provide cultural activities for the entire community.
5. Foster partnerships and support economic development through productive interactions with advisory committees, school systems, businesses and industries, civic groups and public and private non-profit agencies.
6. Provide comprehensive faculty/staff development programs designed to strengthen the communication skills and educational background of all faculty and staff.
7. Foster a positive institutional image and sense of college pride through open communications, college activities, public relations and marketing.
8. Maintain an efficient management system through data collection, planning and evaluation designed to improve college operations and effectiveness.
9. Provide appropriate facilities and equipment for all on-and-off campus classes and activities.
10. Continue to assess and evaluate the role of the College in addressing changing community needs.

VALUES

In all that we do, Mayland Community College
will strive to emphasize:

Quality	Growth
Teamwork	Innovation
Respect	Integrity

General Information



I. GENERAL INFORMATION

The main campus of Mayland Community College is located on Highway 19E, four miles east of Spruce Pine. MCC also operates satellite campuses located in Burnsville and Newland.

ACCREDITATION

Mayland Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number (404) 679-4501) to award certificates, diplomas, the Associate in Applied Science and the Associate in Arts Degree.

The Associate Degree Nursing Program has been approved by the North Carolina Board of Nursing, and the College has been accredited by the N.C. Criminal Justice Education and Training Standards Commission. All degree and diploma programs and the General Educational Development (GED) courses are approved by the Department of Veterans Affairs.

EVENING AND OFF-CAMPUS OFFERINGS

The College is operational both day and evening. Working students can fit course-work around their work schedules and in some programs can complete all work toward a diploma or degree by attending only in the evening. The College also has off-campus classes, which include both credit and non-credit courses. Many of these are offered to community organizations, businesses and industries.

VISITORS

Visitors, and in particular prospective students, are always welcome at Mayland Community College. Group tours may be scheduled through the Student Services Office (765-7351 or 1-800-4-MAYLAND). Members of the Student Services staff will conduct tours and answer questions about programs. Visitors must register at the entrances upon arrival to campus and park in visitors' spaces.

TOBACCO-FREE CAMPUS POLICY

The Board of Trustees has established that the campus of Mayland Community College shall, with the exception of designated areas, be tobacco-free.

Smoking is prohibited in all college buildings and college-owned vehicles; however, smoking will be permitted in the following outdoor areas that have been designated by the President as smoking areas:

- Outside the entrance to the main Administrative/Classroom building near the flagpole and in the vicinity of the entrance to the Cosmetology area;
- Outside the second floor entrance to the Administrative/Classroom building near the Biology classrooms;
- The loading dock area near the Student Commons;
- The breezeway area outside the Bookstore in the Sam Center; and
- The outdoor courtyard area on the ground floor level of the Sam Center. The courtyard is located near the concrete retaining wall at the base of the metal stairway that leads from the plaza level to the ground floor level.

POSSESSION OF FIREARMS AND OTHER DANGEROUS WEAPONS POLICY

The possession, whether concealed or otherwise, of firearms or other weapons as defined in N.C.G.S. 14-269.2 on the campus and grounds of Mayland Community College or off-campus locations where classes and/or activities are being conducted under the auspices or on behalf of the College is forbidden except as provided by statute or policy adopted by the Board of Trustees.

Any student or employee found to be in possession of a firearm or other weapon in violation of this policy is subject to immediate dismissal, termination, and/or prosecution in accordance with applicable statutes. Any other person in violation of this policy is, in addition to being subject to criminal prosecution under applicable statutes, subject to immediate expulsion from institutional facilities and prohibition against reentry.

Exceptions to the general policy statement include:

- Sworn law enforcement officers may carry their firearms or other weapons on their person only when called to conduct official business on the campus and grounds of Mayland Community College.
- Sworn law enforcement officers who enroll in educational classes and/or activities conducted under the auspices of the College may carry firearms or weapons only while attending classes or training that specifically require the use of such weapons at all times, subject to institutional procedures and directives and orders of college representatives.

Subject to institutional procedures, college personnel are authorized to possess firearms and weapons incident to institutional programs for training and safety that require weaponry for educational purposes.

COLLEGE/WORKPLACE ANTI-VIOLENCE POLICY

The safety and security of all students, faculty, staff and customers is a proper concern of Mayland Community College. Acts of violence made by or against any of the aforementioned are not permitted. Students, faculty and staff or customers committing acts of violence are subject to disciplinary action that may result in suspension of privileges, suspension and/or dismissal from the College, and/or prosecution under the appropriate general statutes.

The following behaviors are prohibited:

- Any act or threat of violence made by a student, employee, vendor or contractor against another;
- Any act or threat of violence including, but not limited to, intimidation, harassment or coercion;
- Any act or threat of violence that endangers the safety of students, employees, customers, vendors, contractors or the general public;
- Any act or threat of violence made directly or indirectly by words, gestures or symbols; and
- Use or possession of dangerous weapons on the College campus.

The Board authorizes the President to develop and implement procedures for the handling of emergency situations that may arise on campus.

PARKING AND TRAFFIC POLICIES

The Board of Trustees of Mayland Community College has authorized the President to establish and implement regulations, guidelines and procedures for the management of parking and traffic at the College and access roads leading to the College.

- All regulations, guidelines and procedures shall be in accordance with the provisions of Chapter 115D-21 of the North Carolina General Statutes and other applicable local, state or federal ordinances.
- Users of College streets, roads, driveways, and access roads shall do so in a manner consistent with applicable local, state or federal ordinances.
- The President shall have the right to deny use of College streets, roads, driveways and access roads to any individual, group or organization deemed to be in violation of College parking and traffic regulations, or for any other reason.
- The speed limit on all College streets, roads, driveways and access roads shall be twenty (20) miles per hour.
- All students, faculty and staff must have a valid parking permit.
- Reasonable provisions shall be made for the towing or removal of unattended vehicles found to be in violation of College parking and traffic regulations.
- Additional rules, regulations and ordinances adopted pursuant to this policy are contained in the current edition of the *Student Handbook* and are available to all students, employees and visitors to the College.

FACILITIES USE POLICY

Mayland Community College makes its facilities available for civic, cultural, educational and/or recreational activities as authorized by the President or his/her designee. Details are available upon request from the office of the Vice President of Instructional Services.

The procedures and guidelines established will ensure that users preserve and properly care for the facilities, and that scheduled activities will not conflict with the use of the facilities or grounds for College purposes or with applicable federal, state or local statutes and/or ordinances, or with policies adopted by the Board of Trustees.

The President may establish a facilities fee structure that will take into consideration the approximate costs of operation and maintenance of the space used. Copies of the fee structure are available in the Office of the Vice-President of Instructional Services.

The President has the right to waive the facility use fee if he/she determines that doing so would be in the best interests of the College.

The College reserves the right to deny the use of any of its facilities to any individual, group or organization for any reason.

Permission to use the facilities of Mayland Community College in no way constitutes an endorsement, advocacy or approval by the College of the goals, objectives, aims or opinions of any individual and/or organization, nor is it to be construed as such.

COMPUTER USE POLICY

Because the rapid pace of changes in technology also changes the ways that information may be accessed, processed, communicated and distributed by members of the College community, and because in a free and democratic society access to information is a fundamental right of citizenship, Mayland Community College supports the principle of open access to information resources by students, and encourages the development by faculty and staff of appropriate skills to make use of such resources.

Recognizing that each individual user is ultimately responsible for his/her own actions, the Board adopts the following policy governing the use of institutional computing resources and establishes conditions relative to their acceptable use for the purpose of allocating its resources and avoiding disruption of its educational programs. This policy makes no attempt to articulate all required or prohibited behavior by users of the computer resources of Mayland Community College. While ultimate decisions on access shall be made by College personnel, guidelines shall be adopted subject to the limitations of the following sections.

ACCEPTABLE AND UNACCEPTABLE USES

Computing resources owned and/or operated by Mayland Community College are intended for the use of its students, faculty, staff and other authorized individuals for purposes directly related to instruction.

It is not acceptable to utilize or make use of the computing resources of Mayland Community College:

- For any purposes prohibited by federal or state law;
- For commercial gain or profit;
- To create or propagate computerized viruses;
- To access, display, make accessible, play, publish or transmit any annoying, discriminatory, indecent, lewd, obscene, pornographic, offensive, racist, sexist, threatening or harassing language and/or materials;
- To transfer copyrighted materials to or from any computer system, or via Mayland Community College's computer networks, except as permitted by law or by written agreement with the owner of the copyright; and
- To attempt to obtain unauthorized computer access or privileges, or to attempt to trespass in the files, folders or work of another individual.

Further, it is not permissible to deliberately attempt to damage and/or sabotage institutional computers, computer software or computer networks.

RESERVATION OF RIGHTS AND LIMITS OF LIABILITY

Mayland Community College reserves all rights in the use and operation of its computer resources, including the right to monitor and inspect computerized files, resources and/or computer support services, or to terminate service at any time and for any reason without notice.

The College makes no guarantees or representations, either explicit or implied, that user files and/or accounts are private or secure.

The College and its representatives are not liable for any damages and/or losses associated with the use of any of its computer resources or services.

VIOLATIONS

Violation of any of the provisions of this policy may result in suspension of computing privileges, disciplinary review, dismissal, termination, and/or prosecution in accordance with applicable federal, state or local statutes or ordinances.

OFFICE HOURS

- Administrative offices and all service offices are open Monday through Friday from 8:00 a.m. to 5:00 p.m.
- The Student Services Office is open until 7:00 p.m. Monday through Thursday evenings.
- The Financial Aid Office is open until 7:00 p.m. on Monday evenings.
- The Bookstore is open Monday through Thursday 8:00 a.m. - 6:00 p.m. and Friday 8:00 a.m. - 5:00 p.m.
- Office hours of instructors are posted on their office doors at the beginning of each academic term.

Student Development Services



II. STUDENT DEVELOPMENT SERVICES

The Student Services Office provides a variety of support services to prospective students and enrolled students. The mission of Student Services is to develop programming designed to enhance the quality of students' lives and to assist them in their personal and professional development. From preadmission to post graduation, Student Services seeks to provide opportunities designed to develop students holistically while facilitating their progress, persistence and attainment of educational goals.

GENERAL ADMISSION REQUIREMENTS

Mayland Community College operates under the "Open Door" policy of the North Carolina Community College System. Instruction is open to any individual 18 years of age or older who is not presently enrolled in high school.

Requirements for admission to programs leading to an associate degree, diploma or certificate:

1. High School graduation or state-approved equivalent education.
2. Transcripts from high school and post-secondary institutions attended.
A student without a transcript by the end of the first semester of enrollment will not be eligible to enroll for the following semester.
3. Completion of the MCC Computerized Placement Test (CPT) for students taking courses requiring reading proficiency, English and/or mathematics.

Mayland Community College strongly encourages concurrent enrollment in our GED program for the following certificate programs that do not require high school graduation or state-approved equivalent education for initial enrollment:

Autobody Repair Level I Certificate	C 60 10 0 C1
Autobody Repair Level II Certificate	C 60 10 0 C2
Cosmetology Certificate (Manicure)	C 55 14 0
Electrical/Electronics Certificate Residential Wiring	C 35 22 0 RW
Electrical/Electronics Certificate Industrial Wiring	C 35 22 0 IW
Esthetics Certificate	C 55 23 0
Industrial Maintenance Certificate	C 50 24 0
Welding Technology Certificate Level I	C 50 42 0 C1
Welding Technology Certificate Level II	C 50 42 0 C2

To enter the diploma programs above, a student must have either a high school diploma or a GED certificate.

ADMISSION PROCEDURES

A person wishing to enroll in any curriculum offered by Mayland Community College should:

1. Obtain an application form from the Student Services Office or from a local high school guidance office.
2. Make an appointment to meet with an Admissions/Retention Advisor for assistance with the application, transcripts and placement testing.
3. Submit the properly completed application form.
4. Request that transcripts of previous educational experiences be sent directly to the Assistant Registrar.
5. Take the MCC Computerized Placement Test (CPT). This is not an entrance exam. Its purpose is to determine proper course selection in math, English and reading courses.
6. Meet with an assigned faculty advisor once the application is received.
7. Receive notification by letter when all admission procedures have been completed.

ADMISSIONS ADVISING

Each student seeking information about admission to Mayland Community College should make an appointment with an Admission/Retention Advisor (ARA). ARAs provide general information about the college offerings, assist with the application, transcript requests, and placement testing, as well as provide basic information about financial aid and scholarships. ARAs also refer students to other needed services, for example career counseling or personal counseling.

After students are admitted, the ARAs continue to serve as retention counselors if students need additional resources or support systems in order to achieve academic goals.

SPECIAL ADMISSION REQUIREMENTS

ASSOCIATE DEGREE NURSING PROGRAM

Admission to the Associate Degree Nursing program is based on a competitive ranking system. The requirements for Associate Degree Nursing include the following:

1. An MCC application form completed between January 1 and February 28
2. Acceptable scores on the *Computerized Placement Test* and the *Biology Proficiency Exam or proof of proficiency*
3. High school graduation or state-approved equivalent education
4. Transcripts from high school and post-secondary institutions attended
5. Acceptable score on the *Psychological Service Bureau (PSB) Nursing School Aptitude Exam*
6. Acceptable dental form (after conditional acceptance)
7. Acceptable physical examination/immunization forms (after conditional acceptance)

8. CPR certification (prior to enrollment)
9. Contact with Associate Degree Nursing Director if the applicant has ever been convicted of a misdemeanor or felony, excluding minor traffic violations
10. Freedom from any physical or emotional disability that would prevent the performance of nursing duties

Advanced Placement Admission to the Associate Degree Nursing program includes the above **and** the following:

1. Completion of an MCC application form between August 1 and September 30
2. Current licensure as a Practical Nurse (LPN)
3. Completion of preparatory courses
4. Acceptable score on the *National League of Nursing (N.L.N.) Mobility Profile I Exam*

More information can be obtained from the Admissions Retention Advisor for the Associate Degree Nursing program in the office of Student Services.

BASIC LAW ENFORCEMENT TRAINING (BLET)

The requirements for admission to Basic Law Enforcement Training are:

- (1) Students must be US citizens;
- (2) Students must possess a high school diploma or GED certification;
- (3) Students must pass a physical exam;
- (4) Students must be at least 20 years old.

Please see the BLET school director prior to enrollment in BLET.

HIGH SCHOOL DUAL ENROLLMENT

Individuals between 16 and 18 years of age may be admitted to appropriate courses at Mayland Community College in accordance with *North Carolina General Statutes* and the *North Carolina Administrative Code for Community Colleges*. Admission requirements include joint approval of high school and Mayland Community College officials.

STUDENTS TRANSFERRING TO MCC

Students may be admitted with advanced standing by transfer from accredited colleges and universities and from previous programs taken at Mayland Community College. Transfer students must be eligible to return to the last institution attended. If the student is admitted, his or her record will be evaluated to determine the amount and type of credit to be transferred. However, at least one-fourth of the credit required for a degree must be completed at Mayland Community College. Any exceptions will be made by the President.

NON-DEGREE SEEKING STUDENTS

Students who plan to take one or more courses, but not pursue a degree, will be admitted after completing an application form and the MCC Computerized Placement Test for those taking courses requiring proficiency in reading, English and/or mathematics.

STUDENTS WITH DISABILITIES

Federal law prohibits Mayland Community College from making preadmissions inquiries about disabilities. Information regarding a disability, voluntarily given or inadvertently received, will not adversely affect an admission decision. If a student requires special services such as an interpreter or taped textbooks because of a disability, he/she should notify the director of S.O.A.R. or the Counseling Center at least six weeks in advance. This information will allow the College to prepare appropriate support services to facilitate learning. This information will be kept in strict confidence and has no effect on admission to the College.

FOREIGN STUDENT ADMISSION

A student wishing to apply for admission as a foreign student should first make arrangements through the American consulate in his or her own country to take the *Test of English as a Foreign Language* (TOEFL). Applicants will not be considered until a satisfactory score is received. Educational records, including transcripts, must be translated into the English language and must contain course titles, grades and an explanation of the marking system. Also, foreign applicants must submit an official certification that adequate funds are at the applicant's disposal to meet education and living expenses. Financial aid through the school is not available to foreign students. A copy of the student VISA is required for the student's record. If a social security card is available, a copy will be included in the record. In addition, foreign applicants must meet all admission requirements as stated in this catalog.

READMITTANCE

Students re-entering after two semesters of non-attendance will be placed into the guidelines of the current catalog for graduation purposes.

Expelled or suspended students may be readmitted during a subsequent semester by completing a *Justification for Readmission Statement*, which will be reviewed by the ARA, Faculty Advisor, Vice President of Student Services and Vice President of Instructional Services. Grounds for expulsion or suspension are found in the Student Conduct Code located in the *Student Handbook* or in the Academic Warning, Probation and Suspension System as described in this catalog.

AUDITING COURSES

Students who wish to audit courses must follow regular registration procedures. They will be admitted to class only if there is room after students taking the course for credit are admitted. Audits are to be declared and noted during the first 5 days of the semester. After the drop/add period, a course designation may not be changed from credit to audit or from audit to credit.

Auditing students are charged the same tuition rates credit students are charged

but do not receive credit for courses audited. They are expected to observe all attendance and other regulations. Hours taken through audits will not be included in determining enrollment status or eligibility for financial assistance.

TUITION, FEES AND EXPENSES

TUITION

In-State: Tuition is \$26.75 per credit hour up to 14 credit hours for Fall and Spring Semesters and \$26.75 per credit hour up to 9 credit hours for Summer.

Out-of-State: Tuition is \$169.75 per credit hour up to 14 credit hours for Fall and Spring Semesters and \$169.75 per credit hour up to 9 credit hours for Summer.

	N.C. Resident	Out-of-State Resident
Tuition per Semester		
Fall	\$374.50	\$2,376.50
Spring	\$374.50	\$2,376.50
Summer	\$240.75	\$1,527.75
TOTAL FOR YEAR	\$989.75	\$6,280.75

FEES

Activity Fee: For students registered for 9 or more credit hours, the fee is \$16.00 for the fall and \$12.00 for the spring. For students registered for 1-8 credit hours, the fee is \$10.00 for fall, \$8.00 for spring. A portion of the activity fee covers graduation expenses.

Lab Fee: \$5.00 per course, not to exceed \$10.00 per academic term, on courses in the following subject areas: Biology (BIO), Office Systems Technology (OST), English (ENG), Electronics Engineering Technology (ELN), Information Systems (CIS, CSC or NET) and Physics (PHY).

INSURANCE

All curriculum students (full-time and part-time) are required to purchase insurance to cover accidents associated with school activities. This group insurance costs an average of \$1.25 per semester, subject to yearly assessment.

Students may file an insurance claim by completing a form available from the Vice-President of Student Services or at the Student Services window.

LATE REGISTRATION FEE

There is a \$5.00 processing fee for late registration in curriculum programs.

OTHER EXPENSES

- **Books and Supplies:** The cost of books and supplies varies greatly from program to program, and from one semester to another. Generally, this cost will be around \$40 for a used textbook to \$60 for a new textbook. Therefore, book prices could range from \$250 to \$350 per semester.
- **Cosmetology Program:** Each cosmetology student will be required to purchase a basic kit, white uniforms and shoes, a name tag, mannequins, a hair dryer, a marcel iron and Pivot Point books. The total cost of these items will be approximately \$500.

- **Physical Education:** Courses may require a special fee to defer the cost of equipment and facility rental.
- **Photocopying:** The cost of photocopying varies greatly from program to program, and from one semester to another.
- **Associate Degree Nursing Program:** Students in the Nursing Program will be required to buy uniforms, shoes and achievement tests; pay for photocopying; provide transportation to clinical sites; and pay additional graduation expenses. Approximately \$2,500-\$3,000 will be required to pay total costs, except transportation.

EXPENSE WAIVERS

- North Carolina residents age 65 and older, high school students, prisoners and students enrolled in the General Educational Development program are not required to pay tuition or activity fees. These students may be required to purchase student accident insurance for certain courses.
- Students preparing to take the General Education Development Tests for a high school equivalency certificate do not pay tuition, activity fee or insurance. However, a \$7.50 fee is required to take the GED exam.
- BLET students are exempt from tuition if they meet requirements set forth in the *North Carolina Administrative Code—Chapter 12, Sections 9 and 10*.

REFUNDS

- The tuition refund/credit procedure is established by the *North Carolina Administrative Code* and is subject to revision. Additional required costs to students must be approved by the Mayland Community College Board of Trustees but may be enacted at any time. Announcements of additional charges or changes in cost will be made prior to registration periods.
- Students properly withdrawing from courses before the 10% point of the course are eligible for partial tuition refund upon request (not including fees or books). Refunds will be mailed in a reasonable time following the withdrawal of the student from the course (*subject to change by NCCCS*).
- Tuition refunds will not be considered for tuition of five dollars (\$5.00) or less, except if a course or curriculum fails to materialize, in which case all the student's tuition shall be refunded.
- No refund of activity fee will be made unless a course fails to materialize.
- If a student officially withdraws from the institution before the end of the semester and the reasons for the withdrawal are found excusable by the Vice President of Student Services, the student may be allowed partial credit for unrefunded tuition and fees if he/she applies for readmission during the next school year and petitions in writing to be allowed such credit.

RESIDENCY STATUS FOR TUITION PURPOSES

To qualify as a North Carolina resident for tuition purposes, a person must have established legal residence (domicile) in North Carolina and must have maintained that legal residence for at least twelve months prior to his/her classification as a resident for tuition purposes. Every applicant for admission will be required to

make a statement as to his/her length of residency in the state and may be asked for additional information to support a residency claim. Each student will be classified by the Assistant Registrar as either a resident or non-resident of North Carolina. A student may appeal his/her residency classification to the Vice President of Student Services within 30 days of the decision.

PLACEMENT TESTING

All entering curriculum students, not having prior college credits in English or mathematics, will take the *Computerized Placement Tests* (CPTs) through the Admissions Office. The CPTs provide information on a student's skill level in reading, English and mathematics and help determine the appropriate courses in these areas for the student's chosen curriculum. The tests are untimed. If placement test scores indicate above average skill, a student may be allowed to exempt particular classes. If the scores indicate developmental work is needed, the student may be placed in skill-building classes. Credits for developmental courses do not count toward the required number of credit hours for graduation. If courses have been taken at another college, or if a student has taken the SAT or ACT test, or received Advanced Placement credits in high school, the CPTs may not be needed. Transcripts, SAT, ACT and Advanced Placement scores need to be evaluated before a student takes the CPTs. Special testing accommodations are available to students with disabilities. The Support Options for Achievement and Retention (S.O.A.R.) Office is the area to notify in advance for special testing accommodations.

FINANCIAL AID

Mayland Community College seeks to provide financial assistance to students who otherwise would not be able to continue their education. Types of aid available include scholarships, grants, part-time work, student loans and tax credits. All students are encouraged to apply for financial assistance. Counselors in Student Services are available to advise and assist students in applying for financial aid.

ELIGIBILITY REGULATIONS AND REQUIREMENTS

EFFECTIVE FALL, 2000: Students who receive *Title IV* federal aid and then drop out before the 60% point of the semester will be required to pay back a percentage of the aid. Failure to repay will result in the loss of eligibility for further *Title IV* aid until the amount due is repaid in full.

Student eligibility for financial assistance is determined by the *Free Application for Federal Student Aid* and the *Mayland Community College Scholarship Application*. All information received in the MCC Financial Aid Office will remain confidential. Awards are made according to federal, state and local regulations and are determined by subtracting the expected family contribution (EFC) from the total educational cost (COA). Information submitted may be subject to documented verification.

The school reserves the right to review and make adjustments to awards if the student becomes overawarded, if the student's resources change, or if there are other changes in the student's financial need.

Students in default of a student loan or repayment of a grant cannot be awarded financial aid under *Title IV Federal Regulations*.

Students receiving financial assistance are required to demonstrate academic progress, as well as earn a minimum of 24 credit hours per academic year when receiving financial aid as a **full-time** student, 18 credit hours per academic year when receiving financial aid as a **three-quarters time** student, and 12 credit hours per academic year when receiving financial aid as a **half-time** student.

Students who lose their financial aid may re-establish their eligibility by completing 6 credit hours in a semester with a 2.00 GPA without the benefit of financial assistance.

Financial aid awards are not made on the basis of any disability, race, color, sex or national/ethnic origin.

APPLICATION PROCEDURES

GRANTS, LOANS AND WORK STUDY

Students applying for all financial aid should file the *FAFSA (Free Application for Federal Student Aid)*. This application is used to determine eligibility for all federal aid, including: Pell Grants, College Work-Study, Stafford Loans and the Supplemental Educational Opportunity Grant (SEOG). It also is used to determine eligibility for the North Carolina State Incentive Grant and the North Carolina Community College Grant. There is no fee charged to process this application.

For MCC students who wish to enroll in *RAVEN (Regional Audio/Video Education Network)* classes, the financial aid application process is similar to that for on-campus classes. Requirements for telecourses, Internet courses, and teleweb courses, which are all monitored by MCC instructors, are considered the same as normal classroom instruction.

However, courses from other colleges offered through *FOLDER (Functioning Online Listing of Distance Education Resources)* **do have** additional paperwork requirements. In order to receive any type of *Title IV* aid, these students must submit the following documentation: 1. copy of registration form showing the course number, section number, course title, number of credit hours, and total charges; 2. copy of tuition and fee payment receipt; 3. confirmation by letter or e-mail from the course instructor that the student is enrolled and participating in the online class.

MAYLAND COMMUNITY COLLEGE SCHOLARSHIPS

Any student who wishes to apply for a scholarship may complete the *Mayland Community College Scholarship Application*, which may be obtained at the Student Services window. Applications for scholarships awarded for Fall Semester must be received by the Student Services Office by July 1. Applications for scholarships awarded for Spring Semester must be received by the Student Services Office by November 15.

All applications for financial aid are available in local area high school guidance offices and in the Student Services area of the MCC Administration/Classroom Building.

TYPES OF AID

FEDERAL PELL GRANT PROGRAM

The purpose of the Federal Pell Grant is to provide eligible students with a foundation of financial aid for post-secondary education. Any student working toward a degree/diploma/certificate may be eligible for the grant, which ranges from \$400-\$3,300, depending on the number of semesters attending, the number of credit hours enrolled each semester and the Expected Family Contribution (EFC) as calculated by the Department of Education.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT

This grant is for students demonstrating exceptional need to meet their costs of education. Because the FSEOG funds are limited, the student should file a *FAFSA* as soon as possible. No additional application form is required.

FEDERAL COLLEGE WORK-STUDY PROGRAM

This aid is intended to provide eligible students employment to assist in paying their expenses to attend college. The MCC Financial Aid Office endeavors to assign the student to work in an area related to intended career objectives. A student must be eligible to receive a Pell Grant in order to be eligible to receive Work-Study Aid.

FEDERAL STAFFORD LOANS

Federal Stafford Loans, with no repayment until after graduation or cessation from college, are financed by state, federal and private funding sources. Results of the *FAFSA* determine eligibility for these loans. However, additional loan applications must be completed.

NORTH CAROLINA STUDENT INCENTIVE GRANT

Students with exceptional financial need may receive a NCSIG. The requirement for consideration of the NCSIG is to complete the *FAFSA* by March 15 each year. No other form is required.

NORTH CAROLINA COMMUNITY COLLEGE GRANT

The North Carolina Community College Grant is funded by an appropriation made by the North Carolina General Assembly in 1999 and provides the largest financial need-based student assistance program in the history of the North Carolina Community College System. It is the intent of the General Assembly that the Community College System make these financial aid funds available **to the neediest students who are not eligible for other financial aid programs that cover their required educational expenses**. Every student who is ineligible to receive a full Pell Grant award is considered for this need-based grant. The students most likely to receive a North Carolina Community College Grant are those with a valid *Student Aid Report* showing an “expected family contribution” code (EFC) ranging between “1601” and “4000”. Award amounts range from \$25.00 to \$588.00 per semester.

SCHOLARSHIPS

A number of scholarships are available at MCC and eligibility requirements vary. Scholarship applications may be picked up and turned in after completion at the Student Services window. Applications for miscellaneous scholarships from various sources are posted on the Financial Aid Bulletin Board near the Financial Aid Office (Room 148). The financial aid page on the MCC Website contains links to several financial aid resources on the Internet.

TAX INITIATIVES

On August 5, 1997, President Clinton signed into law the *Taxpayer Relief Act of 1997*, putting into place some ways through the tax structure that students can reduce their costs of education. Included under this act are the **Education IRA**, the **Hope Scholarship Credit**, **Lifetime Learning Credit**, and **Student Loan Interest Deductions**.

For additional information on these tax incentives, call 1-800-4-FED-AID or seek advice from your tax consultant or the IRS. You may also visit the IRS Website at www.irs.ustreas.gov and click on "Tax Info For You" at the bottom of the page.

EDUCATION IRA: This is a trust or custodial account that is created exclusively for the purpose of paying the qualified higher education expenses of the designated beneficiary of the account. Taxpayers, including the designated beneficiary, may deposit up to \$500 per year, tax-free until withdrawal, into an Education IRA for anyone under the age of 18. Also, no tax is owed upon withdrawal from the IRA account unless the amount withdrawn is greater than the cost of the student's qualified higher education expenses.

HOPE SCHOLARSHIP TAX CREDIT: Taxpayers may be able to claim this credit for any out-of-pocket tuition and fees paid during the **first two years** of any family member's post-secondary education. The maximum credit a taxpayer may receive is \$1,500 times the number of first- and second-year post-secondary students in the taxpayer's family. Individual taxpayers with \$50,000 and above adjusted gross income, and taxpayers filing jointly with \$100,000 and above adjusted gross income are ineligible.

LIFETIME LEARNING CREDIT: This credit may be claimed for out-of-pocket tuition and fees paid for any students in the taxpayer's family. Even though a taxpayer may not claim a Hope Scholarship credit and a Lifetime Learning Credit for the same student in the same year, there is no limit to the number of years in which a Lifetime Learning Credit may be claimed for each student. Adjusted Gross Income eligibility limits are the same as those for the Hope Scholarship Tax Credit.

STUDENT LOAN INTEREST DEDUCTIONS: These deductions may be claimed during the first 60 months that interest payments are required to be paid, and are paid, on the loan by the taxpayer or any member of his family. These deductions are allowed on both subsidized and unsubsidized federal loans, as well as for other loans obtained to pay the costs of attendance at a post-secondary in-

stitution. Taxpayers with modified adjusted incomes above \$50,000 (\$75,000 for married taxpayers filing jointly) may not claim the student loan interest deduction. (The modified Adjusted Gross Income limitations are indexed for inflation after 2002.)

RESOURCES

VOCATIONAL REHABILITATION

Students with exceptional need may be eligible for financial assistance under the provisions of *U.S. Public Law 565*. Prospective students who feel they may qualify for this aid should contact the nearest office of the North Carolina Department of Vocational Rehabilitation or the Coordinator of Financial Aid at MCC.

NORTH CAROLINA DIVISION OF VETERANS AFFAIRS SCHOLARSHIPS

These scholarships are available to children of certain deceased, disabled or POW/MIA veterans. For further information, the student should contact the Veterans Service Officer in his/her home county or the Coordinator of Financial Aid at MCC.

VETERANS ADMINISTRATION BENEFITS

Most curriculum programs offered by the College are approved for Veterans Administration educational assistance benefits. Veterans, dependents of veterans and war orphans may be eligible for VA benefits.

For further information and assistance in establishing eligibility for educational benefits, the student should contact the Coordinator of Financial Aid.

Students receiving Veterans benefits may repeat only failed courses to receive payment for the class.

WORKFORCE DEVELOPMENT PROGRAMS

Mayland Community College Workforce Development Programs provide training, education and employment programs funded through the Workforce Investment Act (WIA). WIA consolidates and replaces the previous Job Training Partnership Act (JTPA) program. The purpose is to prepare youth, adults and dislocated workers for employment or further education and training through a variety of core, intensive training services that include:

Job Search & Placement Assistance

- Labor Market Information
- Assessment of Skills & Needs
- Information on Available Services
- Comprehensive Assessments
- Development of Individual

Employment Plans

Employment Counseling/ Case Management

- Short-Term Prevocational Services
- Occupational Skills Training
- On-The-Job Training
- Skills Upgrading
- Job Readiness Training

There are no eligibility requirements, but priority is given to low-income individuals, recipients of public assistance and veterans. Programs are administered through the JobLink Career Centers in both Avery and Mitchell counties.

SATISFACTORY PROGRESS STANDARDS FOR FINANCIAL AID

The *Higher Education Act of 1965*, as amended by Congress in 1980, mandates institutions of higher education to establish minimum standards of “satisfactory progress” for students receiving aid. For the purpose of maintaining consistency among all students receiving financial aid administered by the MCC Financial Aid Office, these standards are applicable to all financial aid programs including all federally sponsored *Title IV* programs.

DEFINITION OF SATISFACTORY PROGRESS: To receive initially or continue to receive financial aid at MCC, a student must demonstrate satisfactory academic progress as set out in “Academic Requirements” section of the *MCC Catalog* under the “Academic Warning, Probation and Suspension” heading.

QUANTITATIVE STANDARDS: The Federal Government will allow students to receive financial aid up to 150 percent of the amount of time it takes to earn a degree/diploma/certificate as stated in the “Curriculum Description” of each curriculum program in the *MCC Catalog*. For example, full-time students majoring in a curriculum established as 6 semesters may receive financial aid for 9 semesters to complete the program, providing the academic progress standards stated in the *Catalog* are met.

When a student re-enters college or changes majors, prior credits applying to the current major will be calculated in the required 150% time frame.

QUALITATIVE STANDARDS: The specific procedures for applying the satisfactory progress standards are outlined below:

1. Satisfactory progress will be evaluated prior to each payment period on a semester basis. (Exception: For the Guaranteed Student Loan, Supplemental Loans for Students and PLUS Loan Programs, evaluation will be completed prior to certification of the loan application.)
2. Grades of “F,” “I,” “WF,” “W,” “WP,” “SP” and “Y” will not qualify as successful completion of credit hours attempted.
3. Repeated courses for which the student initially received a grade of “I” and was paid will not qualify for repayment. Likewise, courses repeated that were previously completed with an “A” will not qualify for repayment.
4. Audited classes are not counted in the number of hours to be considered when determining enrollment status for Pell Grant calculation and other financial aid.
5. Transfer credits from other post-secondary institutions will be used to determine satisfactory progress.
6. Except for courses in English as a Second Language, no more than one year’s worth of non-credit or reduced credit remedial coursework will qualify for payment.
7. A student who fails to demonstrate satisfactory progress, as defined, will forfeit all financial aid awarded and disbursements will be terminated.
8. The maximum enrollment time frame will be prorated for those students who enroll on a half-time or three-quarter time basis.

APPEAL OF FINANCIAL AID TERMINATION: To appeal financial aid termination, a student must be able to demonstrate mitigating circumstances. The procedure for appeal is:

1. A student will indicate in writing to the Coordinator of Financial Aid the reasons why satisfactory progress was not met and why financial aid should not be terminated. Documentation to support the appeal is required.
2. Within five working days, the Coordinator of Financial Aid will call a meeting of the Financial Aid Committee to review the appeal to determine whether termination of aid is justified. The student will be advised of the decision in writing within five working days of the meeting.
3. If the student disagrees with the finding of the committee, the student may file a grievance using the Student Grievance Policy.

REINSTATEMENT OF FINANCIAL AID ELIGIBILITY: Should a student lose financial aid eligibility due to not meeting the satisfactory progress definition, termination will continue until the student enrolls for a subsequent academic term at his/her own expense and completes at least six (6) credit hours with a 2.0 GPA.

ESTIMATED COST OF ATTENDANCE

The following are annual estimated student expenses for a full-time, fall and spring semester student at MCC.

	*Dependent	*Independent
Tuition and Fees	800.00	800.00
Books and Supplies	800.00	800.00
Room, board	2,400.00	4,200.00
Personal, miscellaneous	900.00	900.00
Transportation	<u>900.00</u>	<u>900.00</u>
TOTAL	\$5,800.00	\$7,600.00

** Some students may need to add the cost of out-of-state tuition or child care to these estimated expenses.*

The following are annual estimated student expenses for a full-time Nursing student at MCC.

	*Dependent	*Independent
Tuition and Fees	800.00	800.00
Books and Supplies	2,000.00	2,000.00
Room, board	2,400.00	4,200.00
Personal, miscellaneous	900.00	900.00
Transportation	<u>1,900.00</u>	<u>1,900.00</u>
TOTAL	\$8,000.00	\$9,800.00

** Some students may need to add the cost of out-of-state tuition or child care to these estimated expenses.*

ORIENTATION - ACA 111

Most majors at Mayland Community College require a mandatory orientation class during the first term of enrollment: *ACA 111 - College Student Success*. This course introduces the College's physical, academic, and social environment and promotes the personal development essential for success as a student. Topics in-

clude campus facilities and resources; policies, procedures, and programs; study skills; and such life management issues as health, self-esteem, motivation, goal-setting, diversity, and communication. Upon completion, students should be able to function effectively within the college environment to meet their educational objectives. Academic Advisors or the Student Services personnel can answer questions about this course.

COUNSELING CENTER

The Counseling Center is available to all current or prospective students, as well as alumni. A wide range of services are available free of charge. The office is located on the first floor of the MCC Administration/Classroom Building. Specifically, services include:

Career Counseling: Students can receive help in assessing their career interests and abilities, establishing career and educational goals and developing action plans for achieving those goals. A wide variety of career development resources are housed in the Counseling Center's Career Library, including books, videos, career assessments, Internet resources and extensive computerized information systems. Students can research any occupation or educational institution, enabling them to make well-informed decisions. Popular career assessments include the *Myers-Briggs Personality Inventory* and *DISCOVER*, a comprehensive career planning program.

Personal Counseling: Confidential counseling services are available for students who are experiencing personal problems that adversely affect their educational progress. Appropriate medical or agency referrals may be made if additional help is needed. Students may also receive assistance in areas of personal development such as time management, test anxiety, stress management and study skills.

Transfer Counseling: Students transferring to other colleges can receive assistance in making that transition. The Transfer Library, located in the Counseling Center, houses information for each college in North Carolina, including catalogs, crosswalks, applications, financial aid information and viewbooks. Software and Internet services are also available, allowing students to gain information on any college in the nation. A counselor can assist students in making decisions such as choosing their MCC electives, deciding on a university, and preparing to transfer.

Job Search Skills Assistance: Students preparing to look for work can gain assistance in writing a resumé, developing interview skills, finding networking/shadowing opportunities, and developing job search strategies.

Employment Assistance: An on-campus Employment Security Commission advisor is available to help students identify both part-time and full-time job openings. Computers are provided in the Student Commons for accessing job opportunities online any time the College is open. Local job listings are also posted weekly on the Employment Assistance Office bulletin board for easy access.

Disability Services: If a student has a documented physical or mental disability, he or she can receive assistance in finding accommodations for the classroom. More extensive accommodations may require notification prior to registration.

ACADEMIC SUPPORT

The S.O.A.R. Program (Student Options for Achievement and Retention) is an academic support program designed to provide students the opportunity to complete their chosen curricula by increasing their options for academic success. The program attempts to identify and provide support activities that extend beyond what would normally be offered at the College. First-generation college students, (neither parent has a four-year college degree), low-income students, or students with physical or learning disabilities qualify for the program. S.O.A.R. is sponsored jointly by Mayland Community College and the U.S. Department of Education, TRIO Programs, Washington, D.C. Services available include:

- **BASIC SKILLS DEVELOPMENT** —Trained instructors assist students with basic skill development in reading, math and English and provide supplemental assistance in related areas.

- **ACADEMIC, PERSONAL AND FINANCIAL COUNSELING** — S.O.A.R. staff can help students develop academic and personal goals. They also give assistance in researching all available financial resources.

- **FREE TUTORING/PEER MENTORING** —Tutors and Peer Mentors are available to assist students with coursework, give information, or provide study skills help or whatever students need to be successful.

- **TRANSFER HELP** —Eligible students may receive assistance in transferring to four-year colleges and universities. Trips to area colleges, information on possible courses of study and exploration of financial resources are offered.

- **ASSISTANCE FOR STUDENTS WITH DISABILITIES** —Services such as notetakers, recorded texts, student advocacy, etc. are available to students with disabilities. Students are asked to contact S.O.A.R. prior to registration if such services are needed.

STUDENT RECORDS

Upon receipt of the application for admission from a prospective student, a student record file is established by the Registrar's Office. It is the policy of the College that this student record file shall be used throughout the student's enrollment to collect and maintain pertinent basic data relative to the individual's admission and academic progress.

The contents of the student record file are as follows: application for admission, transcripts of the student's previous educational record, placement test results, summaries of admissions and academic progress interviews, medical history, residency questionnaire, correspondence related to admission and academic progress. The contents of the student record file are the property of Mayland Community College and are maintained in accordance with the *Family Educational Rights and Privacy Act of 1974*.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT POLICY

The *Family Educational Rights and Privacy Act* (FERPA) affords students with certain rights with respect to their educational records. They are:

The right to inspect and review the student's educational records within 45 days of the day the College receives a request for access.

Students should submit to the Registrar, chief academic officer, head of the academic department or other appropriate official written requests that identify the records they wish to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

Students may ask the College to amend records they believe are inaccurate or misleading. They should write the College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified to the right of a hearing.

The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception that permits disclosure without consent is to College officials with legitimate educational interests. A *college official* is a person employed by the College in an administrative, supervisory, academic, research or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another College official in performing his or her tasks.

A College official has a legitimate educational interest if the official needs to review an educational record in order to fulfill his or her professional responsibility.

The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA.

The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, S.W., Washington, DC 20202-4605.

HOUSING

Mayland Community College has no dormitory facilities. Students who wish to live away from home must make their own housing arrangements. The College takes no responsibility for locating or supervising student housing.

HEALTH SERVICES AND EMERGENCY PROCEDURES

Mayland Community College has no facilities or personnel for medical treatment other than for minor first aid and assumes no financial responsibility for injuries or sickness of students.

First aid supply kits are located in the kitchen area of the Student Commons, the Science Lab (Room 265 of the Administration/Classroom Building), the Auto Body Repair Building, the Public Safety Center, the Electrical Installation/Welding Building, the Phillips-Gwaltney Child Development Center and the main switchboard.

In the event of an emergency, accident or serious injury, individuals should notify the main switchboard operator or any of the following:

- Coordinator of Personnel Services
- Vice President of Student Services
- Safety Officer
- Vice President of Administrative Services
- Vice President of Instructional Services
- Night Administrator - who can be reached at extension 292

The Safety Officer or administrator will determine the nature and extent of the emergency, accident or serious injury and take appropriate action.

Students suffering acute illness or injuries requiring more than minor first aid will be referred to the emergency room of Spruce Pine Community Hospital. When emergency medical assistance is needed, the Avery County Emergency Medical Services will be dispatched to the College. The student will be responsible for all costs incurred in such treatment.

Students must provide themselves with medical insurance to cover illness and injuries. Accident insurance covering accidents occurring at school or on school-sponsored activities is required of curriculum students each semester.

Students are encouraged to use the services of the health department in their counties of residence for such purposes as clinics, evaluation, X-rays, inoculations, health information, etc.

Avery County Health Department	733-6031
Mitchell County Health Department	688-2371
Yancey County Health Department	682-6118

Free pamphlets containing information about various health problems are available in the Student Services area.

COMMUNICABLE DISEASE POLICY

Individuals who have, or are perceived to have, a communicable disease or communicable condition shall receive fair and impartial treatment in all aspects of employment, administration of benefits, class attendance and Mayland Community College functions. In the case of an individual having a communicable dis-

ease or a communicable condition, employment or enrollment shall be denied, terminated, or restricted only where it can be reasonably expected, given the condition of the individual and the known or reasonably suspected methods and manner of exposure, that there exists a real likelihood of transmission or infection to third parties by reason of continued or unrestricted employment or enrollment.

Persons who know, or who have reason to believe, they are infected with a communicable disease or communicable condition have an ethical and legal obligation to conduct themselves in accordance with such knowledge in order to protect themselves and others. An individual who knows, or who has a reasonable basis for believing, that he or she may be infected with a communicable disease or communicable condition is encouraged to obtain a medical diagnosis of his or her condition and share the results of the diagnosis with the Coordinator of Personnel Services and/or the President.

No medical information relative to an individual's condition can be disclosed without that individual's permission except as required by state and/or federal law, or in an adversarial proceeding between the College and an individual whose employment or enrollment has been affected by reason of such conditions. In addition to safeguarding confidential medical information against disclosure, within the College, medical information is restricted to those with a legitimate interest. The administration shall ensure that access and dissemination is properly restricted to faculty and staff in the line of supervision, health care and legal advisors restricted by confidentiality, and the Board of Trustees in closed session.

The College reserves the right to require an individual to undergo a medical examination by a physician or health professional chosen by the College whenever there is a question of the individual's fitness to attend classes and/or work, or where there is a reasonable basis for concern that an individual's condition could pose health or safety hazards for other persons. If an individual is diagnosed as having a communicable disease or communicable condition which poses health or safety hazards to others, the College will make every effort to provide reasonable accommodations to allow the individual to continue work or study.

SPORTS

Mayland Community College does not presently participate in intercollegiate athletic competition. Students are encouraged to participate in basketball, softball or other teams that compete in local recreation leagues. This is organized by the Vice President of Student Services.

To begin a new sports activity, students may contact the Vice President of Student Services. If student interest is sufficient and a faculty or staff advisor can be secured, the activity may be approved and funded with student activity funds.

SAFEPLACE AT MAYLAND

SafePlace at Mayland is a satellite office of Mitchell County SafePlace-a shelter for victims of domestic violence in Spruce Pine. SafePlace at Mayland (S@M) serves the Mayland community with assistance, support and educational materials, including a library of books, videotapes and handout materials pertaining to domestic violence, rape, and sexual assault. The S@M office is located in the Sam

Center, Room P105 and is staffed Monday through Thursday from 9:00 am to 5:00 pm. The telephone number is ext. 311, (828) 765-7351 or 1-800-4-MAYLAND.

PEER MENTORS

Peer Mentors offer assistance to fellow students by serving as a resource concerning personal or academic concerns. New students are encouraged to seek out this service in the S.O.A.R. Program office. Peer Mentors are full-time students who have completed at least one semester of coursework.

CHILD CARE

The Phillips-Gwaltney Child Development Center (PGCDC), MCC's self-supporting laboratory school, offers quality childcare for students, MCC staff and faculty and the community. The Center provides a safe and nurturing environment that promotes the physical, social, emotional, cognitive and creative development of young children while responding to the needs of families. Through play, the children at PGCDC learn to solve problems, make choices, develop social skills and form patterns for learning.

The Center boasts an 4-star rated license, as well as being accredited through the National Association for the Education of Young Children (NAEYC). This prestigious accreditation has only been awarded to 2% of North Carolina's childcare facilities. Teachers at PGCDC are very qualified in child development, with all lead teachers degreed in Early Childhood. Giving children the very best beginning they can have is the focus of the Center. Phillips-Gwaltney accepts applications on a first-come, first-served basis. Waiting lists are very common for most rooms, and MCC students are given first priority.

To accommodate the great need for quality childcare, PGCDC opens at 6:00 am and closes at 5:30 pm, Monday through Friday. Nutritious meals, including breakfast, lunch and an afternoon snack, are provided. PGCDC also offers extremely competitive rates. Various childcare subsidy plans are available from Departments of Social Services, JOBS, Workforce Investment Act, Departments of Labor and MCC child care grants.

For more information, come by the Center and peek into the various classrooms through our observation windows to see what's going on. **There's magic at PGCDC...we're creating the future of tomorrow.** Call Liz Silvers or Regina Daniels at 765-1401 to learn more about the magic taking place at the Phillips-Gwaltney Child Development Center.

STUDENT CONDUCT POLICY

Students are expected to conduct themselves as mature and responsible individuals at all times, showing high regard and respect for the rights, privileges and property of others, including college facilities and property. Student behavior is subject to federal, state and local laws.

Students are expected to perform honest academic work and follow established College policies and procedures.

Violation of any College regulations or applicable federal, state or local statutes may result in administrative action up to and including suspension or expulsion.

SEXUAL HARASSMENT POLICY

It is the policy of Mayland Community College that sexual harassment in any form will not be tolerated at the institution. The College shall not condone the sexual harassment of its students. All students found in violation of this policy shall be subject to disciplinary action up to and including suspension or expulsion from the College.

Sexual Harassment is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when:

1. submission to such conduct is made either explicitly or implicitly a term or condition of an individual's academic performance; or
2. submission to or rejection of such conduct by an individual is used as a basis for academic decisions affecting such individual; or
3. such conduct has the purpose or effect of unreasonably interfering with an individual's academic performance or creating an intimidating, hostile, or offensive academic environment.

The creation of an intimidating, hostile, or offensive academic environment may include such actions as persistent comments on a student's sexual preferences or the display of obscene or sexually oriented photographs or drawings.

Sexual harassment does not include personal compliments welcomed by the recipient or social interaction or relationships freely entered into by students or prospective students.

In an effort to prevent sexual harassment from occurring at the institution, it is the policy of Mayland Community College to encourage the reporting of any incidents of sexual harassment and to provide a just procedure for the presentation, consideration and disposition of sexual harassment grievances.

The College also prohibits any interference, coercion, restraint or reprisal against any student who files a grievance concerning an occurrence of alleged sexual harassment. Grievances alleging sexual harassment in any form should be made as soon after the incident as possible to the Vice President of Student Services.

STUDENT GRIEVANCE POLICY

A student grievance is any matter of concern or dissatisfaction within the control of the College, except the content of college policies.

It is the policy of Mayland Community College to provide a just procedure for the presentation, consideration and disposition of student grievances. The purpose of this policy is to assure all students that their grievances will be answered quickly and decided fairly without threat of reprisal, while providing for the orderly resolution of student grievances. If the grievance is concerned with suspension or expulsion, the student who requests the hearing will be allowed to remain in college until the grievance process is complete, unless, in the opinion of the Vice President of Student Services, he/she poses a threat of danger or disruption to persons or groups within the College.

In all cases of student grievances, the Board of Trustees of Mayland Community College shall serve as the final arbiter of appeals that may be made by the student(s) concerned.

Information on the procedure a student follows to file a grievance may be obtained by consulting the *Student Handbook* or contacting Student Services.

STUDENT ORGANIZATIONS AND ACTIVITIES

Mayland Community College encourages student participation in extracurricular activities. Such participation plays an important role in leadership development and in the general, social and educational growth of the student.

Student organizations are sanctioned by the Student Services Office and may be given operational funds by the Student Government Association. All organizations must have an active faculty or staff sponsor. To begin a new organization, a student should talk with the Vice President of Student Services. The *Student Handbook* outlines the procedures for establishing student organizations.

EARLY CHILDHOOD STUDENTS' ASSOCIATION

The Early Childhood Students' Association (ECSA) is organized for students enrolled in MCC's Early Childhood Associate program. It provides networking and educational opportunities for members.

PHI THETA KAPPA

The Alpha Pi Kappa Chapter of Phi Theta Kappa International Honor Society is an active part of activities at Mayland Community College. This honor society emphasizes four hallmarks—Scholarship, Leadership, Service and Fellowship. At MCC, members are required to have a cumulative grade point average of 3.25, to be enrolled in an Associate Degree program and to have a minimum of 12 semester hours completed at MCC in courses above the 100 level. Leadership conferences sponsored by the Carolinas Region are held annually. The *Donn Lorenz Scholarship* is awarded annually to a returning PTK member with preference given to PTK officers.

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association (SGA) at Mayland Community College is the official voice of the student body. As such, it not only represents the students but also works with SGA advisors to provide social, educational, cultural, recreational and service activities for the school and the community. The SGA President is also an ex-officio member of the College's Board of Trustees.

SGA meetings are held monthly. Any interested student or staff member is invited to attend and to participate in the planning of activities. Voting privileges are reserved for senators and officers.

SGA officers are elected from the student body, while senators are selected from each curriculum program in accordance with the organization's constitution. Responsibilities and powers of the SGA are those specified in its constitution and approved by the College's Board of Trustees. Copies of the *SGA Constitution* are located in the SGA Office.

STUDENT NURSES' ASSOCIATION

The Student Nurses' Association (SNA) is designed to benefit those enrolled in the Nursing programs at the College. All nursing students are encouraged to participate in this organization. Some advantages of membership in the SNA include:

- opportunity to participate in the professional nursing organization students
- opportunities to meet with other nursing students
- reduced first-year dues in the NC Nurses' Association (the RN professional organization)
- career launching seminars and services
- participation in community services
- rewarding contest and scholarship opportunities
- reduced rates on products and services

The SNA advisor or any nursing instructor can provide more information.

Notes

Academic Requirements



Notes

III. ACADEMIC REQUIREMENTS

REGISTRATION

Curriculum students are expected to register for courses on the days specified on the calendar in the front of this Catalog. A \$5.00 processing fee will be charged if a student registers after this date.

FACULTY ADVISOR SYSTEM

Each student who applies for admission should see an Admissions/Retention Advisor prior to admission. The student is then assigned to a faculty advisor within the department he/she plans to enter. The student is notified of the name of his/her advisor in the registration instruction letter sent to new students at the beginning of each semester.

The faculty advisor is available to assist the student in planning a program of study and registering for classes at the beginning of each semester.

While enrolled at Mayland Community College, the student is encouraged and may be required to seek out his/her faculty advisor as a continuing source of help.

COURSE LOAD

Students enrolled for 12 or more semester hours during the fall or spring semester are classified as full-time students. Students enrolled for 9 or more semester hours during the summer are classified as full-time students. Normal course loads will vary from one curriculum to another and from one semester to another. Normal course loads are outlined, by department, in this Catalog. Students must have the permission of their advisors and the Vice President of Instructional Services in order to carry more than 18 credit hours. Students in the Associate Degree Nursing program are exempt from this maximum load.

ATTENDANCE

Students are expected to be present and on time for all scheduled classes. Each course has an attendance policy, which will be issued to the student at the first class.

In case of inclement weather, students are responsible for making their own decisions about road safety.

The student will be held responsible for all academic requirements regardless of class attendance.

Occasionally, Saturday classes are held in order to make up days missed due to inclement weather.

Students enrolled in mandated law enforcement training must meet attendance requirements as set forth in Title 12 Chapter 9 of the NC Administrative Code.

INCLEMENT WEATHER POLICY

Mayland Community College and the Phillips-Gwaltney Child Development Center will close when prevailing weather conditions are such that travel is deemed to be hazardous. This procedure has been developed to facilitate the communication of information regarding College operations during such periods.

The decision to postpone or cancel any activity at Mayland will be made jointly by the President and the Administrative Council. The decision will be made and communicated as quickly as possible. However, the unpredictable nature of mountain weather may require that changes in schedule be made quickly.

In all periods of inclement weather, students, faculty and staff are reminded to use good judgment when making travel decisions. Life and safety are to be the primary considerations. While individuals are expected to give due consideration to their responsibilities for attendance, the College recognizes and expects that adults must ultimately make their own decisions about attendance and accept the responsibility for them.

Depending on weather conditions prevailing in the majority of the College service area, the following options will be employed relative to College operations:

Option A: Operate on a regular schedule with no delay.

Option B: Operate on a delayed schedule, with staff reporting at 9:00 am and classes for students beginning at 10:00 am

Option C: Classes are canceled. Staff reports at 10:00 am

Option D: The College is closed for students, faculty and staff.

Mayland Community College recognizes its obligation to deliver the instructional services for which its students have paid tuition and fees. Therefore, the College will make a good-faith effort to make up all classes missed due to inclement weather. Adjustments in the College calendar for days missed may be made during or at the end of the academic term.

SCHEDULE CHANGES

Students may change their schedules of classes during the drop-add period (5 days after registration day) without academic penalty. Course changes must be processed by the advisor.

WITHDRAWAL PROCEDURES

A student who withdraws from the College during any semester should first consult with his or her ARA.

To withdraw from the College, the student will use the following procedures:

1. Obtain a drop-add form from the ARA and complete an exit interview.
2. Complete the drop-add form by listing each course being dropped and secure the necessary signatures.
3. Return completed form(s) to the Registrar's Office by specified date.

Unconditional Withdrawal:

During the first third of any given semester, students may withdraw from a course by completing a drop form. Students withdrawing during this time will receive a grade of "W" which holds no academic penalty.

Conditional Withdrawal:

During the second third of the semester, students withdrawing from a course must complete a drop form and will be given a grade of “WP” or “WF” at the discretion of the instructor according to the quality of the student’s performance.

No Withdrawal:

During the final third of the semester, students will not be allowed to withdraw from registered coursework. Exceptions to this procedure will be granted only in extreme circumstances (for example, medical emergency) and must be approved by the instructor of the course, division head, and Vice President of Instructional Services.

CURRICULUM COURSE REPETITION PROCESS

(pending approval by the MCC Board of Trustees)

A student may repeat a curriculum course twice for which he or she earned a grade of “C” or higher. This means the student can take the course three times. A student wishing to repeat the same curriculum course more than twice (having taken the course three times) shall enroll on an “audit” basis. Any exception must have the prior written approval of the Division Chairperson and the Vice-President of Instructional Services

When a student repeats a course, the last grade is recorded as the final grade for the course and only the last hours attempted are counted in determining the student’s grade point average. However, the previous grade will remain part of the permanent record. The last grade earned will become the grade of record even if it is a lesser grade.

Veterans cannot receive VA benefits for repeating courses previously passed with a grade of “D” or higher.

Any student failing a prerequisite course must repeat and pass the prerequisite prior to taking the next course in the sequence. Any exception must have the prior written approval of the Division Chairperson and the Vice-President of Instructional Services. A student must pass all required courses in the selected curriculum prior to graduation.

COURSE SUBSTITUTIONS

Course substitutions involve only courses taken in the same discipline and for at least the same credit hours. Students may request a course substitution, which must be approved by the advisor, the division chair and the Vice President of Instructional Services. After the approval process, course substitutions are sent to the Registrar.

REMOVAL OF INCOMPLETES

An “I” or “Incomplete” grade indicates that a student has done passing work in a course but because of unusual circumstances, the student failed to complete some portion of the required work. Unless this incomplete is removed before the end of the succeeding semester, the “I” will automatically be changed to an “F.” This removal period can be extended only by the Vice President of Instructional Services. In the absence of the instructor, the division chair will set the criteria for the removal of an “I” grade.

TRANSFER OF CREDITS TO MCC

Credits transferred from another school may be substituted for MCC courses if the content of the courses to be transferred is substantially the same as that of the required courses. At least one-fourth (25%) of the credit required for a degree, diploma or certificate must be completed at Mayland Community College.

Credit from another school with a grade below a "C" will not be accepted.

Credit for previous educational experiences that happened more than seven (7) years before the date of enrollment is not automatic but may be granted by the Registrar, in consultation with the division chair and Vice-President of Instructional Services.

Credits earned at another institution will not be considered in the computation of a student's grade point average.

PROCEDURES FOR TRANSCRIPT EVALUATION

1. An official transcript of post-secondary credits earned will be requested by the student to be released to MCC.
2. The Registrar will evaluate all transcripts of previous education according to the above stated policies after receiving all post-secondary transcripts.
3. Courses determined by the Registrar to be applicable to the MCC credits will be recorded on his/her permanent record and designated as transfer credit(s). In questionable cases, the Registrar will consult the division chair(s).
4. A copy of the student's *Transcript Evaluation Form* listing the transfer credit will be sent to the student and the student's advisor.

TRANSFER OF CREDITS TO OTHER SCHOOLS

Credits earned in curriculum programs may frequently be transferred to other colleges and universities. Students planning to transfer to another institution prior to or after completion of a degree program at Mayland should consult a counselor in Student Services to determine the transferability of courses from Mayland to another institution.

Any student planning to transfer should obtain a catalog from other institutions to which he or she intends to transfer. By working closely with advisors and counselors at Mayland and other institutions, the student can maximize the likelihood of receiving credit for Mayland courses at another institution.

RELEASE OF TRANSCRIPTS

In accordance with the *Family Educational Rights and Privacy Act of 1974*, an official transcript of a Mayland Community College academic record will be released by the Registrar to a third party only upon receipt of a written request from the student-owner of the record. A transcript labeled "Student Copy" will be furnished directly to the student. Students should allow a reasonable time for the Registrar to respond to transcript requests.

Mayland Community College's Privacy of Student Education Records Policy is published in the *Student Handbook*.

PROFICIENCY EXAMINATIONS

Credit for past experience and/or education may be allowed if a student can demonstrate, by examination, the level of proficiency required in a particular course. The student has the responsibility of demonstrating to the department head within the first five school days of a semester that a proficiency exam is proper. The test(s) used will always reflect the objectives of the course to be exempted. The division chair has the authority to accept or deny such a request.

The credit will be based on a departmental examination administered at the direction of the department head in which the course is offered.

After a student has successfully completed an examination and a determination has been made on credit to be awarded, the division chair will forward to the Registrar a copy of the examination for inclusion in the student's permanent academic record, the course number and the credit to be awarded. That information will be entered by the Registrar on the student's transcript. No quality points will be awarded.

Credit through *College Level Examination for Placement* (CLEP) scores or high school *Advanced Placement* (AP) scores will be assigned on an individual basis. The decision of how many credits and which course(s) can be exempted will be made by the Vice President of Instructional Services.

CREDIT FOR EXPERIENTIAL LEARNING

A student may present a file or portfolio of information to the respective division chair for the purpose of justifying academic credit for past experiences. The division chair will either forward the file or portfolio to the Vice President of Instructional Services and recommend the number of academic credits to be awarded or require the student to provide additional information on which to base a decision. A final determination on the credit to be awarded to the student will be made by the Vice President of Instructional Services upon receipt of the recommendation from the division chair. All documentation leading to the awarding of credit for experiential learning will be filed with the Registrar. Under no circumstances will more than 25% of the required hours for degree, diploma or certificate be awarded for experiential learning.

CREDIT FOR MILITARY TRAINING

The *Guide To The Evaluation of Educational Experiences In The Armed Services* will be used to evaluate military training. The Registrar will consult with the division chair before awarding academic credit.

GRADING SYSTEM

The curriculum student's work is evaluated according to the letter-grade system. Course grades are issued to the student at the end of each semester and recorded on the student's transcript. Grades for courses at 100-level and above will be averaged according to grade point equivalents to determine the student's academic standing. Grades for courses below 100-level will be accompanied with an asterisk (*) and the grades will not be calculated in the determination of the student's overall grade point average for student transcript purposes. When a course is repeated, the last grade recorded is the final grade for the course, and only the last hours attempted are counted in computing total credit hours and in determining the student's grade point average.

ACADEMIC FORGIVENESS

Academic Forgiveness is available to Mayland Community College students. This does not affect work either taken at or transferred to another college. Academic Forgiveness is available ONCE in a student's career at Mayland Community College.

1. The student must apply for Academic Forgiveness no later than the end of the second term after re-enrollment at Mayland Community College.
2. The student applying for Academic Forgiveness must make an appointment with a designated academic advisor.
3. The designated academic advisor will explain the Academic Forgiveness Program:
 - The student must meet all requirements for readmission to the selected certificate, diploma, or degree program.
 - At least five (5) years must have elapsed between the end of the term in which the student was last in attendance and the term in which the student intends to re-enroll. Academic Forgiveness applies only to the course work taken prior to the term of re-enrollment. Academic Forgiveness does not affect the grades earned after re-enrollment.
 - The prior academic record will remain a part of the student's transcript, but only grades "C" or better will be carried forward as a part of new program(s) to which the student is admitted.
 - Granting of Academic Forgiveness will not affect or alter a student's access to financial aid or scholarships from any source unless specific governmental or agency laws and/or regulations prohibit such awards. A student who plans to receive any type of student aid, should discuss the impact of Academic Forgiveness on his/her financial resources with the appropriate student aid advisor. It is the student's responsibility to notify the Financial Aid Office if applicable.
4. The student will then complete the Academic Forgiveness application (available from the Registrar).

5. The designated academic advisor will make a recommendation concerning the granting of Academic Forgiveness. The application will then be sent to the appropriate division chair for review. Recommendations for approval will then be forwarded to the Vice President of Instructional Services for final approval.

Finally, the application will be forwarded to the Registrar for processing and distribution to the appropriate academic advisor, financial aid officer, and the student. Grades for courses granted Academic Forgiveness will be in parentheses and will not be calculated in the determination of the overall grade point average for transcript purposes.

GRADE INTERPRETATION

		Grade Point Equivalent
A	An honor mark assigned for work of highest quality.	4 points per credit hour
B	A mark assigned for work of above-average quality.	3 points per credit hour
C	A mark assigned for work of average quality.	2 points per credit hour
D	A mark assigned for work of minimum quality.	1 point per credit hour
F	A mark assigned for work below minimum quality.	0 points per credit hour
I	A special mark used only for students who cannot complete course work because of extreme hardship. The student must present a request for this mark to the respective instructor.	Not Computed
PR	Indicates that a student passed a proficiency examination to meet the requirements of the course.	Not Computed
R	Course Repeated	Not Computed
S	The student has met the requirements of the course satisfactorily	Not Computed
SP	Indicates work of acceptable quality in a course that has not been completed.	Not Computed
U	The student has not met the requirements of the course satisfactorily	0 points per credit hour
W	A mark assigned for students dropping a course during the first third of the semester	Not Computed
WF	Indicates that the student's work is below minimum quality at the time of withdrawal.	0 points per credit hour
WP	Indicates that the student's work is of acceptable quality at the time of withdrawal.	Not Computed
WA	Administrative withdrawal	Not Computed
Y	Audit	Not Computed

ACADEMIC WARNING, PROBATION AND SUSPENSION

Academic Progress System (APS): The APS system was designed to realize three stated goals: (1) programmatic excellence, (2) student support and (3) prudent use of local, state and federal resources. The intention is to communicate the standards of our programs and, more importantly, to identify early those students who are having difficulty progressing through their curricula and connect them with relevant college services that might be of assistance. There are three levels to the APS – Academic Warning, Probation and Suspension.

ACADEMIC WARNING

If either or both of the following conditions are met at the conclusion of any given semester, a student will be placed on Academic Warning and required to consult his/her Admission/Retention Advisor (ARA) before progressing into the next semester.

- If a student registers for 13 or more semester hours and withdraws (all “W” codes) from more than 50 percent of those hours.
- If a student fails to maintain the cumulative GPA stated in the following scale:

Credit Hours Attempted	Minimum Grade Point Average
1-23	1.50
24-31	1.75
32 and above	2.00
Certificate Program	2.00

Students placed on academic warning will be required to complete an academic progress plan to be signed by both their ARA and faculty advisor before they are allowed to take classes in the next semester. Additionally, students are urged to limit semester hours of enrollment to 15 hours or less to further ensure a focus on completion and course success. *Students will remain on academic warning until their cumulative GPAs surpass the levels listed above.*

ACADEMIC PROBATION

If a student on academic warning fails to (1) achieve a 2.00 GPA or above for any semester’s registered classes or (2) withdraws from more than 50 percent of any semester’s registered classes after the drop/add period, he/she will be placed on Academic Probation. Students placed on Academic Probation will be required to limit semester hours of enrollment to 13 or less to further ensure a focus on course completion and academic success. It is important to note that Academic Probation is a *one semester classification*. If, in the next semester, a student (1) achieves a 2.00 GPA or above for all registered classes and (2) completes more than 50 percent of all registered coursework, he/she will no longer be on academic probation and will not be subject to its restrictions (i.e., total hours of enrollment limitation). However, if a student’s cumulative GPA is still below the levels required for good standing (listed in academic warning section), he/she will again be placed on academic warning.

ACADEMIC SUSPENSION

If a student on academic probation (1) fails to achieve a 2.00 or above for all registered classes or (2) withdraws from more than 50 percent of registered coursework after the drop/add period, he/she will be placed on Academic Suspension. Students placed on Academic Suspension will be required to withdraw from MCC for at least one semester. After the suspension semester, a student will be allowed to petition for readmission. The petition must include a justification for readmission statement prepared by the student. Readmission must be approved by the student's ARA, faculty advisor, Vice President of Student Services and the Vice President of Instructional Services. Upon re-enrollment, the student will be placed on Academic Probation and subject to that classification's restrictions and requirements.

ACADEMIC PROGRESS NOTIFICATION

All students on academic warning, probation or suspension will be notified of their academic standing by a letter from the Vice President of Student Services. The letter will explain the steps needed to be taken by the student. Students not in good standing will have a registration flag placed on their file by the Registrar's office. This flag must be removed prior to registration for the subsequent semester. The Vice-President of Student Services will contact the Registrar's office when this flag is to be removed. Those who fail to comply with their classification's requirements within the first four weeks of the semester will be administratively dropped from all coursework.

Students who are on academic warning may preregister, if their mid-semester Progress Report is satisfactory. Students on probation **may not** register until they have completed the semester.

EVALUATION OF PROGRESS

The academic progress of students receiving educational benefits will be evaluated at the end of each semester. Benefits will be terminated if the student fails to maintain the cumulative GPA stated in the MCC Academic Progress System scale.

Students who lose their benefits because of unavoidable circumstances such as illness or change of work schedule may have them extended by the Financial Aid Committee as long as they meet the GPA and progress standards in the following semester.

RE-ESTABLISHING BENEFITS

A students who loses the educational benefits may re-establish them by successfully completing six semester hours at Mayland Community College with at least a 2.00 GPA while not receiving educational benefits.

ACADEMIC HONORS

In recognition of students with outstanding academic records, the *President's List*, *Dean's List* and *Honors List* will be published at the end of each semester. To qualify for the *President's List*, a student must take a minimum work load of 12 semester hours credit and maintain a 4.00 grade point average with no incompletes. To qualify for the *Dean's List*, a student must take a minimum work load of 12 hours credit and maintain at least a 3.50 grade point average with no incompletes. To qualify for the *Honors List*, a student must take a work load of 6-11 hours credit and maintain at least a 3.50 grade point average with no incompletes.

REQUIREMENTS FOR GRADUATION

A student is eligible for graduation when he/she (1) has satisfactorily completed the academic requirements of the curriculum; (2) has an overall grade point average of 2.0; (3) has met all financial obligations to Mayland Community College; and (4) has completed an application for graduation before the deadline set each year by the Vice President of Student Services.

In order for a student to participate in the graduation ceremony, the student must file appropriate requests by the deadlines set each year by the Vice President of Student Services. This is to ensure that diplomas, programs, et cetera may be prepared.

Students who plan to complete their requirements for graduation in the summer will be allowed to participate in the graduation ceremonies if they are able to complete their required credit hours during the summer session.

HONORS

A graduating student who has earned an overall quality point average of 3.50 or better on all work completed at Mayland Community College will receive his or her diploma or degree with "honors."

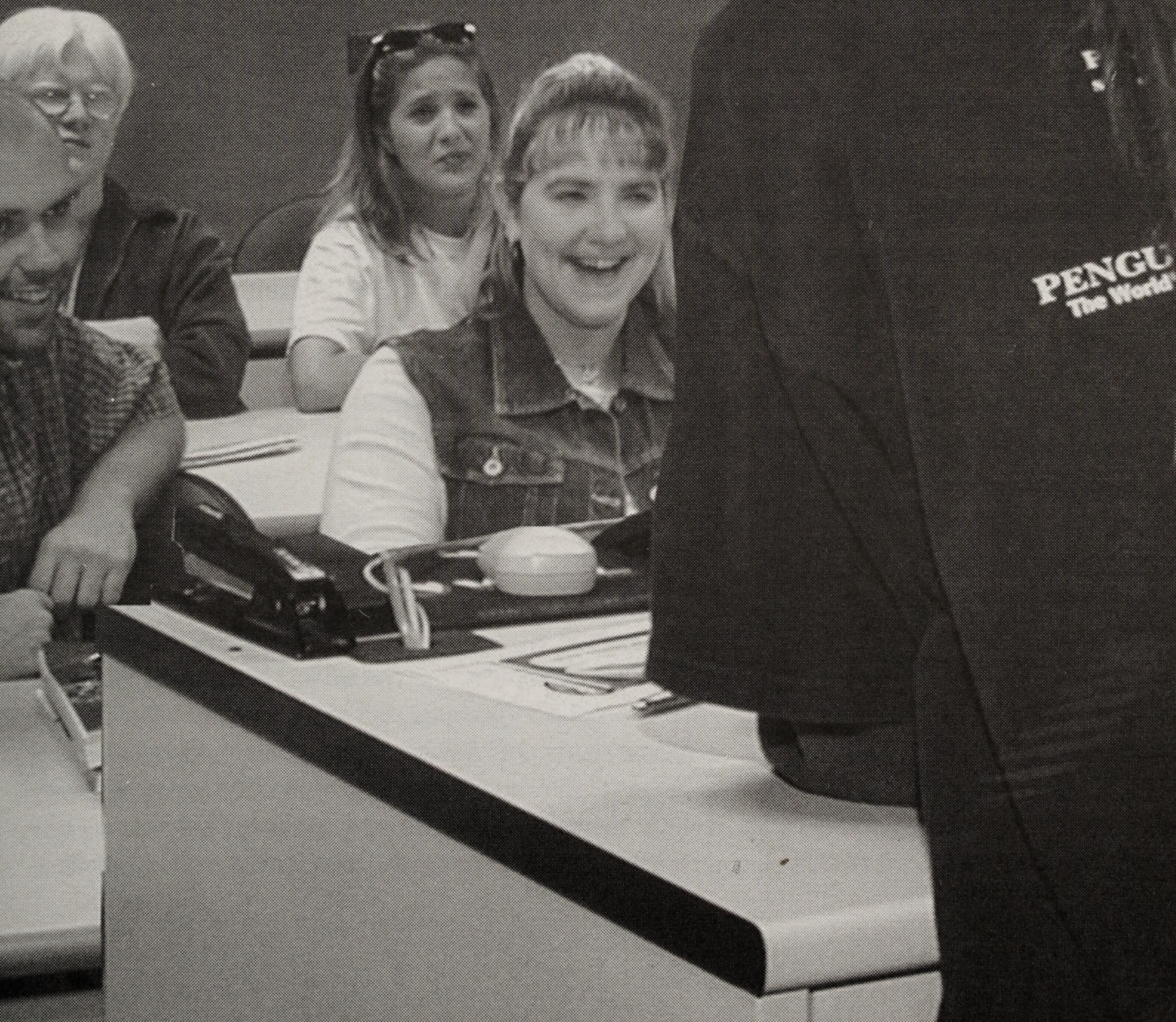
SELECTION OF COMMENCEMENT MARSHALS

Marshals will be selected from the undergraduates who have earned 30 or more credit hours at Mayland Community College at the end of the fall semester before graduation and who have a GPA of 3.50 or above. The Chief Marshal will be the participating marshal with the highest GPA.

DEGREES, DIPLOMAS AND CERTIFICATES

Mayland Community College confers the following: Associate in Applied Science, Associate in Arts, Associate in Science, Associate in General Education, diplomas, certificates and General Education Development (GED) certificate.

Instructional Support Services



Notes

IV. INSTRUCTIONAL SUPPORT SERVICES

THE LEARNING RESOURCES CENTER

The Learning Resources Center (LRC) acts as both an instructional support system and an information network. Services are provided not only to the faculty, staff and students of Mayland Community College, but also to any resident of Avery, Mitchell or Yancey counties. Resources include both print and non-print materials, electronic resources, audio-visual equipment and workshops/orientations.

The LRC is located on the second floor of the Administration/Classroom Building and is open both day and evening Monday through Thursday and during the day only on Friday. It is in operation every day that Mayland Community College is open and has reduced hours during semester breaks.

The collection is automated through an integrated library system and is organized using the Library of Congress classification system. Most books circulate for a three week period. Non-print materials circulate overnight. Periodicals do not circulate.

Through CCLINC (Community College Libraries in North Carolina), Mayland is networked with more than 40 other North Carolina Community College Learning Resources Centers, making us a part of the third largest library in North Carolina public educational institutions.

INTERLIBRARY LOAN

If a patron is in need of materials not in the collection, the LRC may borrow these from other libraries through an online interlibrary loan system. At times, a fee is charged to the LRC which is passed along to the patron. Most requests are filled within one to six weeks.

ELECTRONIC RESOURCES

The LRC provides access to a number of electronic resources through our own subscriptions and through NCLIVE. Many of these databases are full-text, which means that the researcher may locate, print and/or download information without moving from the computer. The LRC also provides access to the Internet. All computers, electronic resources and Internet must be used within MCC's Computer Policy. The LRC staff will help students obtain a password.

APPALACHIAN ROOM

The Appalachian Room contains 4 specialized collections of materials pertaining to genealogy in general and our own region in particular. These collections are: Genealogy, Appalachian Studies, North Carolina and the Harvey J. Miller Memorial Collection. Materials are available for the novice researcher as well as for the more experienced one. Although the materials from the Genealogy Collection do not circulate, selected books from other collections may be borrowed. Due to the value of the material in this area, the door is kept locked; however, the circulation desk attendant is available to let patrons in and give limited assistance. Microfilm to supplement research in the Genealogy area is available on inter-library loan. Patrons need to check at the circulation desk for details.

TELECOMMUNICATIONS

A satellite receive system is available for use in teleconferences, telecourses and other educational purposes. The community is encouraged to make use of this capability.

AUDIO-VISUAL SERVICES

Audio-Visual (AV) Services provides equipment to support the curricula at Mayland Community College. The LRC staff is available to assist with equipment questions. AV equipment is available for checkouts by faculty, staff and other qualified patrons. Reserving needed equipment ahead of time is highly recommended.

OTHER INFORMATION

- Orientation is conducted for new students and is a requirement of ACA 111. A patron requiring special assistance should check with the circulation desk attendant to have time blocked off for a particular need.
- A security system is installed to ensure the proper checkout of all LRC materials.
- A photocopier is located near the circulation desk. The person on duty is available to assist patrons in its use and to collect money owed for copies.

MCC DISTANCE EDUCATION

Distance learning is defined as the interaction of learner and instructor that occurs when the two are separated by place and/or time. The learning experience is designed around the needs of the learner. Distance education at Mayland Community College shall provide every available opportunity for an individual to pursue education that will enhance professional and personal well-being. This form of education is a convenient and increasingly popular mode of delivery, freeing the learner from time and location constraints - constraints often viewed as major barriers preventing individuals from attending college. Mayland shall offer such high-quality distance education options as telecourses, Internet-based courses, independent study courses, interactive television courses, or any other means to ensure accessibility to College programs and services.

The Regional Audio-Video Education Network (RAVEN) is a distance education system featuring methods of delivering instruction to students via videotape, interactive audio-video hookups between MCC and remote locations and the Internet. The RAVEN system is currently under development, with courses to be added as technologies are installed and classes are offered. The Director of Distance Education can answer questions about Distance education or RAVEN.

Continuing Education Programs



Notes

V. CONTINUING EDUCATION PROGRAMS

GENERAL INFORMATION

An important function of the College is to provide a variety of courses for the continuing education of adults. The development of these courses is based upon the needs and interests of the professional, business, industry, civic and cultural communities.

Continuing Education promotes the concept of lifelong learning by providing meaningful educational experiences that will help adults meet occupational and professional goals and fulfill social and personal needs. Courses and programs are offered to allow adults to achieve their fullest potential in our ever-changing world of knowledge, skill and understanding. The diversity of these programs ranges from basic reading and writing skills to vocational and technical upgrading and cultural and personal enrichment.

CLASS LOCATIONS

While some classes are held on the Mayland Community College Main Campus and at the Avery and Yancey Campuses, others are conducted or may be organized in surrounding communities or within particular businesses or industries throughout Avery, Mitchell and Yancey counties.

ADMISSION

Admission to Continuing Education classes is open to individuals 18 years of age or older. Individuals younger than 18 years old who are high school graduates or whose high school class has graduated may also enroll in Continuing Education courses. High school juniors and seniors, 16 years of age and older, may enroll with permission from high school officials. There are no formal education requirements for most Continuing Education courses. Individuals interested in attending Continuing Education courses may register by attending the first class, but preregistration is preferred for classes. Applicants are accepted on a first-come, first-served basis.

CLASS SCHEDULE

Classes are normally scheduled on a semester basis with new classes beginning in August, January, and June. Special seminars, business, and industrial courses may be scheduled to begin at any time appropriate for the company and Mayland Community College. Courses last an average of 4 to 11 weeks, depending on the nature of the course. However, some classes are offered on a short-term basis and some may continue up to 17 weeks. Information about classes is released regularly through the local news media. Semester class schedules and updates are published and distributed by the College.

MINIMUM ENROLLMENT REQUIRED

Normally, a course will be offered when a minimum of ten persons enroll for the subject. The College reserves the right to cancel any course when an insufficient number of people register.

CLASS HOURS

The majority of Continuing Education courses are offered one or two evenings per week. Courses may meet for one to four hours per evening. Special extension, industrial and seminar programs may be scheduled at the convenience of the participants and College.

FEES

For most Continuing Education courses, there is a \$20 to \$65 registration fee. Self-Supporting Continuing Education classes may cost more than \$65, depending on instructor charges and other costs. In compliance with North Carolina Statutes, however, this fee may be waived for selected individuals. The registration fee is waived for all enrollees in Adult Basic Education. Also, North Carolina residents 65 years old or older are exempt from registration and tuition fees - with the exception of self-supporting classes. Other costs in Continuing Education classes may include textbooks and/or equipment, insurance and tools. Registration fees are subject to change contingent upon action by the N.C. General Assembly. There is no charge for classes sponsored by Human Resources Development (HRD) or the Small Business Center (SBC).

CONTINUING EDUCATION UNITS (CEUs)

The Southern Association of Colleges and Schools, of which Mayland Community College is an accredited member, has recommended that the Continuing Education Unit (CEU) be used as the basic instrument of measurement for an individual's participation in non-credit classes, courses and programs. One CEU is defined as 10 contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction and qualified instruction. Mayland Community College follows national guidelines for the recording of Continuing Education Units as outlined in the Commission on Colleges document CEU: "Guidelines and Criteria."

Continuing Education Units are formally awarded for courses that are applicable to professional certification, license renewal and many professional and occupational upgrading courses. Continuing Education Units are not awarded for Human Resources Development (HRD) classes or Small Business Center (SBC) classes.

OCCUPATIONAL EXTENSION COURSES

State regulations require that students enrolling in any occupational extension class more than twice within a five-year period pay for the class on a self-supporting basis. The fee for such a class will vary depending upon the length of instruction. Fees are subject to increase or decrease without notice from MCC. For more information on this regulation, contact the Avery Campus at (828) 733-5883; the

Yancey Campus at (828) 682-7315; or the Mayland Community College Continuing Education Department at (828) 765-7351 ext. 219.

The College offers many vocational, technical and business courses through Occupational Extension. The primary objectives of these courses are to: (1) provide adults additional skills and/or knowledge applicable to their present occupations; (2) provide training for occupations in which skill and knowledge requirements are undergoing transition due to technological advances in equipment, materials, and machines; and (3) provide assistance to area businesses and industries in meeting their manpower needs through specialized courses.

Occupational upgrading courses are available in each of the following areas:

BUSINESS and MANAGEMENT courses are available to a wide variety of business organizations and to people in administrative, management, sales and secretarial occupations.

FIRE SERVICE training is offered in fire fighting techniques for members of municipal, volunteer and industrial fire brigades.

HEALTH OCCUPATIONS programs have been established for persons seeking additional medical, allied health and nursing knowledge and skills. All levels of courses from paraprofessional to professional are offered.

LAW ENFORCEMENT courses have been designed for upgrading both experienced and recently employed policemen, law enforcement officials and security personnel.

MANAGEMENT AND SUPERVISORY DEVELOPMENT courses are offered to improve supervisory and management techniques for beginning and experienced personnel.

TECHNICAL courses are available for upgrading the knowledge and skills of persons working in the numerous technical and paraprofessional occupations.

VOCATIONAL UPGRADING courses are designed for persons working in skilled and semi-skilled occupations.

Information concerning course offerings may be obtained by calling the Continuing Education Offices at 765-7351 ext. 219 (Mitchell County), 733-5883 (Avery County) or 682-7315 (Yancey County).

FOCUSED INDUSTRIAL TRAINING

Focused Industrial Training (FIT) programs provide for customized training and services for manufacturing industries in our service area. Companies that manufacture products and/or process industrial materials are eligible for Focused Industrial Training and services. FIT programs are directed toward skilled and semi-skilled production workers, industrial maintenance workers, and leaders of per-

sonnel who perform industrial processes. A fee per student is assessed, based on length of instruction for participants in Focused Industrial Training program classes.

NEW AND EXPANDING INDUSTRY TRAINING

The purpose of the New and Expanding Industry Training (NEIT) Program is to provide customized training assistance in support of new, full-time production positions created in Avery, Mitchell, and Yancey counties. New and Expanding Industry Training enhances the growth potential of area industries while preparing the area workforce with the skills essential for successful employment in emerging industries.

Companies that create 12 or more new production jobs in excess of their previous three-year maximum level are eligible for assistance through the New and Expanding Industry Training Program. NEIT may provide training needs assessment, program development, instructional costs, and training delivery for new, frontline production personnel and their supervisors. There is no charge to the company for New and Expanding Industry Training.

COMMUNITY SERVICES/LIFELONG LEARNING

The Community Services /Lifelong Learning Program offers individuals 18 years of age and older short-term courses for self-improvement and academic achievement. Cultural and civic enrichment events are also provided. The program is intended to meet the growing needs and interests of the community. The purpose is to give individuals a chance to pursue special interests and to fill their leisure time with worthwhile educational projects. Some of these include conversational foreign languages, local flora, consumer education, writing courses, creative arts, cake decorating, weaving, yoga, ceramics, concerts, special speakers and personal development. Additional information regarding community services courses or programs may be obtained by contacting the Continuing Education Office at the College at 765-7351, ext. 219.

HUMAN RESOURCES DEVELOPMENT PROGRAM (HRD)

The purpose of the Human Resources Development Program (HRD) is to train unemployed and underemployed adults of the Tri-County area. HRD is a pre-vocational training and job placement program funded by the North Carolina General Assembly. HRD classes help students orient themselves to the workplace through recognition of their abilities and limitations, understanding the effects of their behavior on others, as well as learning problem-solving and communication skills. In addition, HRD provides free services to its clients including job placement assistance, career counseling, resumé development and printing, and employment referral. HRD training is offered at no charge to students.

SMALL BUSINESS CENTER (SBC)

The Small Business Center (SBC), located on the main campus, is an educational resource center for existing and prospective small business owners, managers and employees. Individual, private and confidential counseling is available for clients who want to start a business or wish to strengthen their existing businesses.

Seminars and special workshops dealing with such topics of interest as business start-up, record keeping, taxes, management and technical skills training are held regularly at the main campus and at the campuses in Avery and Yancey counties. The SBC also makes referrals to other local, state and federal agencies and organizations that assist in business start-up, licensing and management. Services of the SBC are available at no expense to the client.

BASIC SKILLS

Mayland Community College's Basic Skills Program offers free instruction in reading, English, mathematics and other subjects to adults seeking to strengthen their academic abilities. These services are available to adults age 18 and above or for younger students with notarized documentation from parents and public school officials. The program focuses on services that assist adults in obtaining jobs and promotions, becoming more effective role models for their children, exercising the responsibilities of citizenship, and seeking further educational and/or training opportunities. The following sections offer the specific descriptions of this program. Persons interested in enrolling should contact the Basic Skills Department or Learning Lab at (828) 765-7351 ext. 207 or (800) 462-9526 ext. 207.

BASIC SKILLS PROGRAMS

Compensatory Education

The Compensatory Education Program is designed for developmentally disabled adults who are functioning at levels generally described as mentally challenged. These adults are provided a uniquely designed educational plan and learning environment.

The Compensatory Education Program's role is to help each student develop work, social, academic, and independent living skills in order to fulfill his or her potential as a citizen and member of the community. The Basic Skills staff takes pride in their educational services to this special population and welcomes inquiries from interested families.

The Compensatory Education Program at Mayland Community College works closely with county Adult Developmental Activity Programs (ADAP). Compensatory Education supports the ADAP Centers by providing the educational component for ADAP clients. Mayland Community College is currently providing educational activities at ADAP Centers located in Newland, Bakersville and Burnsville.

Adult Basic Education (ABE)

Adult Basic Education assists adults who wish to enhance and extend their basic skills in reading, writing, and mathematics. ABE students may be interested in improving their academic skills for any number of reasons, including preparing for college placement or job readiness exams, becoming more effective teachers/role models for their children, or simply satisfying a personal goal. An individualized educational plan is designed for each student enrolled in this program. The ABE Program provides free basic education to adults in both on- and off- campus classes throughout the Tri-County service area.

High School Diploma Equivalency (GED) Program

The High School Diploma Equivalency (GED, or General Educational Development) Program prepares adults who have not received a high school diploma to take the GED tests. Adults who successfully complete the test batteries are awarded the High School Equivalency certificate (GED). This certificate means that the holder has achieved a level of general education equivalent to that of a high school graduate. To receive the GED certificate, a person must have a total standard score of 225 on the exams with no single test score below 40.

Approximately twelve hours are required to complete the five tests. GED test preparation is offered at no cost to students both on-campus and at various off-campus sites throughout Mayland Community College's service area. Workbooks and other study materials may be purchased from the college bookstore if desired. A \$7.50 GED testing fee covering the entire GED test battery is required before the first test is taken. Students who re-test in English pay an additional \$2.50 fee. GED testing is administered by appointment. Phone the campus office to arrange an appropriate testing schedule, (828) 756-7351, ext. 207.

GED 2002 Changes

After more than 10 years in the current form, the GED test is being revised. The new test is coming in January 2002. A major change will introduce the use of a calculator on Part I of the math test. Part II of the math test will not use a calculator. Both parts of this test must be completed to earn a score. In addition, GED testers will encounter business related and adult-context readings across all five tests. Additional information can be found on the GED website at www.gedtest.org, or by calling the Mayland Campus.

English As A Second Language (ESL)

English as a Second Language (ESL) classes are offered at Mayland through the Basic Skills Program. Beginner, Intermediate and Advanced English are offered, with the majority of students being from our Hispanic population. Classes stress everyday life skills that enable the student to be a functioning member of society by learning the English language. Citizenship classes are offered upon request. Free ESL classes are offered at various sites throughout the Tri-County area. A Hispanic women's support group is available in Avery County. The Learning Lab can provide more information on ESL.

BASIC SKILLS SERVICES

Learning Lab

The Learning Lab Program at Mayland Community College offers students an opportunity to study many subjects at whatever academic level they require. Instructional materials designed especially for adults are used, moving gradually from basic and easily-learned lessons to more difficult skills. Students may also make use of computer-based instruction, cassette tapes, video cassettes and other audio-visual media which make learning easier and more interesting. An instructor is always available to assist and advise students.

A new student may enroll in the Learning Lab at any time during the year and may attend as his or her daily schedule permits during the lab's operating hour. There is no charge for studying in the Learning Lab. The lab is open from 8:00 a.m. to 9:00 p.m. Monday through Thursday, and from 8:00 a.m. to 5:00 p.m. on Friday with services to students ending at 1 p.m. on that day. The Learning Lab offers students the opportunity to prepare for GED tests, review basic skills, make up college deficiencies, and enhance learning with such specialized courses as speed-reading, math improvement and computer literacy. Adult students enrolled in other courses at Mayland Community College or at other educational institutions and desire supplementary instruction may attend the Learning Lab as well.

Off-Campus Program

Convenience makes off-campus classes a popular choice among many Basic Skills students who wish to improve their academic levels or to prepare for successful completion of their High School Diploma Equivalency (GEDs). With sufficient enrollment, free day or evening off-campus classes may be offered at various locations such as churches, community buildings, public agencies (fire departments, libraries, employment centers, etc.) and private homes. Final GED exams are administered by appointment both on-campus and at approved sites in Avery and Yancey counties.

Workplace Services

Basic Skills staff work hand-in-hand with industry leaders to schedule classes at the industry site for employees preparing to meet the technical requirements of today's demanding workplace. In addition to offering employees an opportunity to earn their GEDs, the Basic Skills Program provides employers with job-specific curricula needed for specialized training. Adequate student enrollment is necessary for workplace classes to be scheduled.

CURRICULUM LABORATORY

Developmental Classes

Mayland offers developmental classes in reading, English and math for students who are pursuing a certificate, diploma or degree program and who have earned their high school diplomas or GEDs but lack the academic skills or background to be successful in college-level courses. Students place into these courses by placement test scores and progress in the sequence through either successful completion of each course or re-testing into a higher level.

Credit earned in developmental classes counts only in computation of course load. Credit does not count toward graduation. Grades earned do not count in the computation of students' GPA.

Notes

Curriculum Programs



Notes

CURRICULUM PROGRAMS

Mayland Community College offers a variety of curriculum programs. Within the programs, associate degrees, diplomas and certificates are available.

Accounting

Associate Degree - *p. 70*

Diploma - *p. 73*

Certificate - *p. 75*

Associate Degree Nursing - *p. 76*

Associate in General Education - *p. 78*

Autobody Repair

Diploma - *p. 80*

Level I Certificate - *p. 81*

Level II Certificate - *p. 82*

Basic Law Enforcement Training

Certificate - *p. 83*

Business Administration

Associate Degree - *p. 84*

Certificate - *p. 87*

Cosmetology

Associate Degree - *p. 88*

Diploma - *p. 89*

1200 hours Certificate - *p. 90*

Certificate - Manicuring - *p. 90*

Cosmetology Instructor Training

Certificate - *p. 91*

Criminal Justice Technology

Associate Degree - *p. 94*

Certificate - *p. 95*

Early Childhood Associate

Associate Degree - *p. 96*

Diploma - *p. 98*

Certificate - *p. 99*

Administrator Certificate - *p. 99*

Electrical/Electronics Technology

Diploma - *p. 100*

Certificate, Industrial Wiring - *p. 101*

Certificate, Residential Wiring - *p. 101*

Electronics Engineering Technology

Associate Degree - *p. 102*

Applied Electronics - Level II

Certificate - *p. 104*

Basic Electronics - Level I

Certificate - *p. 105*

Digital Electronics - Level II

Certificate - *p. 106*

Esthetics Technology

Certificate - *p. 92*

General Occupational Technology

Diploma - *p. 108*

Horticulture

Associate Degree - *p. 109*

Diploma - *p. 110*

Certificate - *p. 111*

Industrial Maintenance

Diploma - *p. 112*

Level I Certificate - *p. 113*

Level II Certificate - *p. 113*

Information Systems

Associate Degree - *p. 114*

Diploma - *p. 115*

Certificate - Applications - *p. 116*

Certificate - Networking - *p. 117*

Manicuring Instructor Training

Certificate - *p. 93*

Medical Office Administration

Associate Degree - *p. 118*

Nursing Assistant

Certificate - *p. 120*

Office Systems Technology

Associate Degree - *p. 121*

Diploma - *p. 124*

Certificate - *p. 126*

Truck Driving Training - *p. 127*

Welding Technology

Diploma - *p. 128*

Level I Certificate - *p. 130*

Level II Certificate - *p. 131*

Transfer Programs - *p. 132*

Associate in Arts Program -

College Transfer - *p. 133*

Associate in Arts Program -

Pre-Major, Birth to

Kindergarten - *p. 137*

Associate in Arts Program -

Pre-Business Administration - *p. 140*

Associate in Arts Program -

Pre-Criminal Justice - *p. 143*

Associate in Arts Program -

Pre-Elementary Education - *p. 146*

Associate in General Education -

Business Administration

Concentration Marketing and

Retailing - *p. 150*

Associate in General Education -

Business Administration

Concentration Operations

Management - *p. 152*

Associate in General Education -

Forest Management

Technology - *p. 154*

Associate in General Education -

Physical Therapy Assistant - *p. 156*

Associate in Science - *p. 158*

Accounting (A25100)

Associate in Applied Science

Curriculum Description:

The Accounting curriculum is designed to provide students with the knowledge and the skills necessary for employment and growth in the accounting profession. Using the "language of business," accountants assemble and analyze, process and communicate essential information about financial operations.

In addition to course work in accounting principles, theories, and practice, students will study business law, finance, management and economics. Related skills are developed through the study of communications, computer applications, financial analysis, critical thinking skills and ethics.

Graduates should qualify for entry-level accounting positions in many types of organizations including accounting firms, small businesses, manufacturing firms, banks, hospitals, school systems and governmental agencies. With work experience and additional education, an individual may advance in the accounting profession.

ACCOUNTING ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ACC 120	Principles of Accounting I	3	2	0	4	5
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
	Humanities Elective	3	0	0	3	3
	<i>Select one of the following:</i>					
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					14-15	17-18

<u>Spring Semester</u>						
ACC 121	Principles of Accounting II	3	2	0	4	5
ACC 131	Federal Income Taxes	2	2	0	3	4
BUS 137	Principles of Management	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
	<i>Select one of the following:</i>					
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					16	18

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 293	Selected Topics in Accounting	2	2	0	3	4
ACC 140	Payroll Accounting	1	2	0	2	3
BUS 228	Business Statistics	2	2	0	<u>3</u>	<u>4</u>
					8	11

Fall Semester

ACC 225	Cost Accounting	3	0	0	3	3
ACC 220	Intermediate Accounting I	3	2	0	4	5
BUS 115	Business Law I	3	0	0	3	3
BUS 225	Business Finance	2	2	0	3	4
BUS 260	Business Communication	3	0	0	3	3
ECO 251	Principles of Microeconomics	3	0	0	<u>3</u>	<u>3</u>
					19	21

Spring Semester

ACC 221	Intermediate Accounting II	3	2	0	4	5
BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	3	4
COM 110	Introduction to Communication	3	0	0	3	3
ECO 252	Principles of Macroeconomics	3	0	0	<u>3</u>	<u>3</u>
					16	18

TOTAL HOURS: **73-74 85-86**

See selection list for electives at the end of the semester by semester listing for Accounting.

ACCOUNTING ASSOCIATE IN APPLIED SCIENCE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ACC 120	Principles of Accounting I	3	2	0	4	5
	<i>Select one of the following:</i>					
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					7-8	9-10

Spring Semester

ACC 121	Principles of Accounting II	3	2	0	4	5
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					7	8

Summer Semester

COM 110	Introduction to Communication	3	0	0	3	3
---------	-------------------------------	---	---	---	---	---

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
BUS 115	Business Law I	3	0	0	3	3
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
<i>Select one of the following:</i>						
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					10	11

Spring Semester

BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	<u>3</u>	<u>4</u>
					6	7

Summer Semester

ACC 140	Payroll Accounting	1	2	0	2	3
---------	--------------------	---	---	---	---	---

Fall Semester

ACC 220	Intermediate Accounting I	3	2	0	4	5
BUS 260	Business Communication	3	0	0	3	3
ECO 251	Principles of Microeconomics	3	0	0	<u>3</u>	<u>3</u>
					10	11

Spring Semester

ACC 221	Intermediate Accounting II	3	2	0	4	5
BUS 137	Principles of Management	3	0	0	3	3
ECO 252	Principles of Macroeconomics	3	0	0	<u>3</u>	<u>3</u>
					10	11

Summer Semester

ACC 293	Selected Topics in Accounting	2	2	0	3	4
---------	-------------------------------	---	---	---	---	---

Fall Semester

ACC 225	Cost Accounting	3	0	0	3	3
BUS 225	Business Finance	2	2	0	3	4
BUS 228	Business Statistics	2	2	0	<u>3</u>	<u>4</u>
					9	11

Spring Semester

ACC 131	Federal Income Taxes	2	2	0	3	4
	Humanities Elective	3	0	0	<u>3</u>	<u>3</u>
					6	7

TOTAL HOURS:

73-74 85-86

See selection list for electives at the end of the semester by semester listing for Accounting.
See advisor for courses offered every other year.

ACCOUNTING DIPLOMA, DAY PROGRAM

Fall Semester

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 120	Principles of Accounting I	3	2	0	4	5
	<i>Select one of the following:</i>					
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					6-7	8-9

Spring Semester

ACC 121	Principles of Accounting II	3	2	0	4	5
ACC 131	Federal Income Taxes	2	2	0	3	4
BUS 137	Principles of Management	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					13	15

Summer Semester

ACC 293	Selected Topics in Accounting	2	2	0	3	4
---------	-------------------------------	---	---	---	---	---

Fall Semester

ACC 225	Cost Accounting	3	0	0	3	3
BUS 115	Business Law I	3	0	0	3	3
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					10	11

Spring Semester

BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	3	4
COM 110	Introduction to Communication	3	0	0	<u>3</u>	<u>3</u>
					9	10

TOTAL HOURS:

41-42 48-49

See selection list for electives at the end of the semester by semester listing for Accounting.

ACCOUNTING DIPLOMA, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 120	Principles of Accounting I	3	2	0	4	5

Select one of the following:

CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					6-7	8-9

Spring Semester

ACC 121	Principles of Accounting II	3	2	0	4	5
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					7	8

Summer Semester

COM 110	Introduction to Communication	3	0	0	3	3
---------	-------------------------------	---	---	---	---	---

Fall Semester

MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					4	5

Spring Semester

BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	<u>3</u>	<u>4</u>
					6	7

Summer Semester

ACC 293	Selected Topics in Accounting	2	2	0	3	4
---------	-------------------------------	---	---	---	---	---

Fall Semester

ACC 225	Cost Accounting	3	0	0	3	3
BUS 115	Business Law I	3	0	0	<u>3</u>	<u>3</u>
					6	6

Spring Semester

ACC 131	Federal Income Taxes	2	2	0	3	4
BUS 137	Principles of Management	3	0	0	<u>3</u>	<u>3</u>
					6	7

TOTAL HOURS:

41-42 48-49

See selection list for electives at the end of the semester by semester listing for Accounting.
See advisor for courses offered every other year.

ACCOUNTING CERTIFICATE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 120	Principles of Accounting I	3	2	0	4	5
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					6-7	8-9

Spring Semester

ACC 121	Principles of Accounting II	3	2	0	4	5
ACC 131	Federal Income Taxes	2	2	0	<u>3</u>	<u>4</u>
					7	9

TOTAL HOURS: **13-14 17-18**

ACCOUNTING CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 120	Principles of Accounting I	3	2	0	4	5
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					6-7	8-9

Spring Semester

ACC 121	Principles of Accounting II	3	2	0	4	5
ACC 131	Federal Income Taxes	2	2	0	<u>3</u>	<u>4</u>
					7	9

TOTAL HOURS: **13-14 17-18**

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212.

Associate Degree Nursing, Non-Integrated (A45120)

Curriculum Description:

The Associate Degree Nursing curriculum provides individuals with the knowledge and skills necessary to provide nursing care to clients and groups of clients throughout the lifespan in a variety of settings.

Courses will include content related to the nurse's role as provider of nursing care, as manager of care, as a member of the discipline of nursing and as a member of the interdisciplinary team.

Graduates of this program are eligible to apply to take the National Council Licensure Examination (NCLEX-RN) which is required for practice as a Registered Nurse. Employment opportunities include hospitals, longterm care facilities, clinics, physicians' offices, industry and community agencies.

LPN exit is offered to Nursing students after the **FALL** semester of the **SECOND** year. Eligible for listing as a Nursing Assistant comes after the **SPRING** semester of the **FIRST** year.

ASSOCIATE DEGREE NURSING DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
BIO 165	Anatomy & Physiology I	3	3	0	4	6
NUR 115	Fundamentals of Nursing	2	3	6	5	11
NUR 118	Nutrition/Diet Therapy	2	0	0	2	2
PSY 110	Life Span Development	3	0	0	3	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					17-18	26-27
<u>Spring Semester</u>						
BIO 166	Anatomy & Physiology II	3	3	0	4	6
NUR 117	Pharmacology	1	3	0	2	4
NUR 135	Adult Nursing I	5	3	9	9	17
<i>Select one of the following:</i>						
NUR 133	Nursing Assessment	2	3	0	3	5
NUR 189	Nursing Transition*	1	3	0	<u>2</u>	<u>4</u>
					17-18	31-32

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ENG 111	Expository Writing	3	0	0	3	3
NUR 185	Mental Health Nursing	3	0	6	<u>5</u>	<u>9</u>
					8	12

<u>Fall Semester</u>						
NUR 116	Nursing of Older Adults	2	3	3	4	8
NUR 125	Maternal-Child Nursing	5	3	6	8	14
	Humanities Elective	3	0	0	<u>3</u>	<u>3</u>
					15	25

<u>Spring Semester</u>						
COM 110	Introduction to Communication	3	0	0	3	3
NUR 188	Nursing in the Community	1	0	6	3	7
NUR 235	Adult Nursing II	4	3	15	<u>10</u>	<u>22</u>
					16	32

TOTAL HOURS: **73-75 126-128**

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212.

* To be taken by LPNs applying to enter the program

An agreement has been developed between Mayland Community College and Lees-McRae College to offer a RN to BSN completion program on the MCC Campus effective Fall, 2000. See the MCC Director of Nursing for more information.

Associate in General Education (A10300)

Curriculum Description:

The Associate in General Education curriculum is designed for the academic enrichment of students who wish to broaden their education, with emphasis on personal interest, growth and development.

Course work includes study in the areas of humanities and fine arts, social and behavioral sciences, natural sciences and mathematics, and English composition. Opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and the basic use of computers will be provided.

Through these skills, students will have a sound base for lifelong learning. Graduates are prepared for advancements within their fields of interest and become better qualified for a wide range of employment opportunities.

ASSOCIATE IN GENERAL EDUCATION DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
COM 110	Introduction to Communication	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					15-16	16-17

Spring Semester

English Composition Elective	3	0	0	3	3
Other Req. Hours Elec. (13 hrs.)	0-3	0-3	0	<u>3-4</u>	—
					16-17

Fall Semester

Natural Science/Math Elective	3	0-3	0	3-4	3-6
Other Req. Hours Elec. (13 hrs.)	0-3	0-3	0	<u>3-4</u>	—
					16-17

Spring Semester

Other Req. Hours Elec. (16 hrs.)	0-3	0-3	0	<u>3-4</u>	—
					16

TOTAL HOURS:

63-66

See selection list for electives at the end of the semester by semester listing for Associate in General Education program.

ASSOCIATE IN GENERAL EDUCATION EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
COM 110	Introduction to Communication	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					12-13	13-14

<u>Spring Semester</u>						
	English Composition Elective	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	Other Req. Hours Elec. (6 hrs.)	0-3	0-3	0	<u>3-4</u>	—
					12-13	

<u>Fall Semester</u>						
	Natural Science/Math Elective	3	0-30	3-4	3-6	
	Other Req. Hours Elec. (6 hrs.)	0-3	0-3	0	<u>3-4</u>	—
					9-10	—

<u>Spring Semester</u>						
	Other Req. Hours Elec. (12 hrs.)	0-3	0-3	0	<u>3-4</u>	—

<u>Fall Semester</u>						
	Other Req. Hours Elec. (12 hrs.)	0-3	0-3	0	<u>3-4</u>	—
					12	

<u>Spring Semester</u>						
	Other Req. Hours Elec. (6 hrs.)	0-3	0-3	0	<u>3-4</u>	—
					6	

TOTAL HOURS: **64**

English Composition Elective—Select one of the following: ENG 112, ENG 113, or ENG 114

Humanities/Fine Arts Elective—Select one of the following: ART 111, HUM 110, MUS 110, REL 110, SPA 111

Social/Behavioral Science Elective—Select one of the following: ECO 151, HIS 121, HIS 122, HIS 131, HIS 132, POL 120, PSY 150, SOC 210

Natural Sciences/Mathematics Elective—Select one of the following: BIO 111, MAT 151, MAT 161.

Other Required Electives (42 SHC)

Elective Hours may be selected from courses not used to satisfy the core hours above, from other program areas provided any prerequisites are satisfied, and from any of the following: ART 260, BIO 110, BIO 143, BIO 145, BIO 224, BIO 225, BIO 226, ENG 272, ENG 273, ENG 274, HEA 112, HIS 141, HIS 162, HIS 167, HIS 227, HIS 230, HIS 233, HIS 234, HIS 236, HUM 123, HUM 170, HUM 230, MAT 115, MAT 120, MAT 140, MAT 140A, MAT 161A, PED 122, PED 143, PED 152, PED 153, PED 170, PED 171, PED 184, PED 211, POL 130, PSY 101, PSY 115, PSY 131, PSY 141, PSY 183, PSY 211, PSY 246, PSY 247, PSY 259, PSY 292, PSY 293, PSY 297, PSY 298, RED 111, SOC 105, SOC 230, SOC 234, SOC 242, SOC 250. Students may build a concentration of courses in areas of their interests.

Autobody Repair (D60100)

Diploma Program

Curriculum Description:

The Autobody Repair curriculum provides training in the use of equipment and materials of the autobody repair trade. The student studies the construction of the automobile body and techniques of autobody repairing, rebuilding and refinishing.

The course work will include autobody fundamentals, industry overview and safety. Students will perform hands-on repairs in the areas of non-structural and structural repairs, MIG welding, plastics and adhesives, refinishing and other related areas.

Graduates of the curriculum should qualify for entry-level employment opportunities in the automotive body and refinishing industry. Graduates may find employment with franchised independent garages, or they may become self-employed.

AUTOBODY REPAIR DIPLOMA, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
AUB 111	Painting & Refinishing I	2	6	0	4	8
AUB 121	Non-Structural Damage I	1	4	0	3	5
AUB 131	Structural Damage I	2	4	0	4	6
AUB 134	Autobody Mig Welding	1	4	0	3	5
AUB 136	Plastics & Adhesives	1	4	0	3	5
ENG 101	Applied Communications I	3	0	0	<u>3</u>	<u>3</u>
					20	32

<u>Spring Semester</u>						
AUB 112	Painting & Refinishing II	2	6	0	4	8
AUB 122	Non-Structural Damage II	2	6	0	4	8
AUB 132	Structural Damage II	2	6	0	4	8
AUB 144	Mechanics & Electrical					
	Specialties	2	2	0	3	4
MAT 101	Applied Mathematics I	2	2	0	<u>3</u>	<u>4</u>
					18	32

<u>Summer Semester</u>						
AUB 114	Special Finishes	1	2	0	2	3
AUB 150	Automotive Detailing	1	3	0	2	4
AUB 160	Body Shop Operations	1	0	0	1	1
AUB 162	Auto Estimating	1	2	0	2	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					9-10	14-15

TOTAL HOURS: **47-48** **78-79**

**AUTOBODY REPAIR
LEVEL I CERTIFICATE, DAY PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
AUB 111	Painting & Refinishing I	2	6	0	4	8
AUB 121	Non-Structural Damage I	1	4	0	3	5
AUB 131	Structural Damage I	2	4	0	4	6
AUB 134	Autobody Mig Welding	1	4	0	3	5
AUB 136	Plastics & Adhesives	1	4	0	<u>3</u>	<u>5</u>
					17	29
TOTAL HOURS:					17	29

**AUTOBODY REPAIR
LEVEL I CERTIFICATE, EVENING PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
AUB 121	Non-Structural Damage I	1	4	0	3	5
AUB 134	Autobody Mig Welding	1	4	0	3	5
AUB 131	Structural Damage I	2	4	0	<u>4</u>	<u>6</u>
					10	16
<u>Spring Semester</u>						
AUB 111	Painting & Refinishing I	2	6	0	4	8
AUB 136	Plastics & Adhesives	1	4	0	<u>3</u>	<u>5</u>
					7	13
TOTAL HOURS:					17	29

**AUTOBODY REPAIR
LEVEL II CERTIFICATE, DAY PROGRAM**

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
AUB 112	Painting & Refinishing II	2	6	0	4	8
AUB 122	Non-Structural Damage II	2	6	0	4	8
AUB 132	Structural Damage II	2	6	0	4	8
AUB 144	Mechanics & Elec. Specialties	2	2	0	3	4
AUB 162	Auto Estimating	1	2	0	<u>2</u>	<u>3</u>
					17	31
TOTAL HOURS:					17	31

**AUTOBODY REPAIR
LEVEL II CERTIFICATE, EVENING PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
AUB 132	Structural Damage II	2	6	0	4	8
AUB 144	Mechanics & Elec. Specialties	2	2	0	<u>3</u>	<u>4</u>
					7	12
<u>Spring Semester</u>						
AUB 162	Auto Estimating	1	2	0	2	3
AUB 112	Painting & Refinishing II	2	6	0	<u>4</u>	<u>8</u>
					6	11
<u>Summer Semester</u>						
AUB 122	Non-Structural Damage II	2	6	0	4	8
TOTAL HOURS:					17	31

Pending State Approval

Basic Law Enforcement Training 2000

(C55120)

Certificate Program

Curriculum Description:

Basic Law Enforcement Training (BLET) is designed to give students essential skills required for entry-level employment as law enforcement officers with state, county or municipal governments, or with private enterprise.

This program utilizes State Commission-mandated topics and methods of instruction. General subjects include, but are not limited to, criminal, juvenile, civil, traffic and alcoholic beverage laws; investigative, patrol, custody and court procedures; emergency responses; and ethics and community relations.

Successful graduates receive a curriculum certificate and are qualified to take certification examinations mandated by the North Carolina Criminal Justice Education and Training Standards Commission and/or the North Carolina Sheriffs' Education and Training Standards Commission.

BASIC LAW ENFORCEMENT TRAINING 2000

CERTIFICATE

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
CJC 100	Basic Law Enforcement Training	8	30	0	18	38
TOTAL HOURS:					18	38

BLET is offered both day and evening periodically throughout the year.

Successful completion of CJC 100 may substitute for: CJC 120, CJC 131, CJC 132, CJC 221, CJC225 and CJC 231.

Business Administration (A25120)

Associate in Applied Science

Curriculum Description:

The Business Administration curriculum is designed to introduce students to the various aspects of the free enterprise system. Students will be provided with a fundamental knowledge of business functions, processes, and an understanding of business organizations in today's global economy.

Course work includes business concepts such as accounting, business law, economics, management and marketing. Skills related to the application of these concepts are developed through the study of computer applications, communication, team building and decision making.

Through these skills, students will have a sound business education base for lifelong learning. Graduates are prepared for employment opportunities in government agencies, financial institutions and large to small business or industry.

BUSINESS ADMINISTRATION ASSOCIATE IN APPLIED SCIENCE DEGREE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 120	Principles of Accounting I	3	2	0	4	5
ACA 111	College Student Success	1	0	0	1	1
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
MKT 120	Principles of Marketing	3	0	0	3	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					14-15	17-18
<u>Spring Semester</u>						
ACC 121	Principles of Accounting II	3	2	0	4	5
ACC 131	Federal Income Taxes	2	2	0	3	4
BUS 137	Principles of Management	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
OST 136	Word Processing	1	2	0	2	3
<i>Select one of the following:</i>						
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					18	21

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 140	Payroll Accounting	1	2	0	2	3
BUS 228	Business Statistics	2	2	0	3	4
COM 110	Introduction to Communication	3	0	0	<u>3</u>	<u>3</u>
					8	10

Fall Semester

BUS 115	Business Law I	3	0	0	3	3
BUS 225	Business Finance	2	2	0	3	4
BUS 260	Business Communication	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	3	4
ECO 251	Principles of Microeconomics	3	0	0	<u>3</u>	<u>3</u>
					15	17

Spring Semester

BUS 230	Small Business Management	3	0	0	3	3
BUS 239	Business Applications Seminar	1	2	0	2	3
BUS 240	Business Ethics	3	0	0	3	3
ECO 252	Principles of Macroeconomics	3	0	0	3	3
	Humanities Elective	3	0	0	<u>3</u>	<u>3</u>
					14	15

TOTAL HOURS: 69-70 80-81

See selection list for electives at the end of the semester by semester listing for the Business Administration program.

BUSINESS ADMINISTRATION ASSOCIATE IN APPLIED SCIENCE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ACC 120	Principles of Accounting I	3	2	0	4	5
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					7-8	9-10

Spring Semester

ACC 121	Principles of Accounting II	3	2	0	4	5
ENG 111	Expository Writing	3	0	0	3	3
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					9	11

Summer Semester

COM 110	Introduction to Communication	3	0	0	3	3
---------	-------------------------------	---	---	---	---	---

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
	Humanities Elective	3	0	0	3	3
<i>Select one of the following:</i>						
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					10	11

Spring Semester

BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	<u>3</u>	<u>4</u>
					6	7

Summer Semester

ACC 140	Payroll Accounting	1	2	0	2	3
---------	--------------------	---	---	---	---	---

Fall Semester

BUS 260	Business Communication	3	0	0	3	3
ECO 251	Principles of Microeconomics	3	0	0	3	3
MKT 120	Principles of Marketing	3	0	0	<u>3</u>	<u>3</u>
					9	9

Spring Semester

BUS 137	Principles of Management	3	0	0	3	3
ECO 252	Principles of Macroeconomics	3	0	0	<u>3</u>	<u>3</u>
					6	6

Fall Semester

BUS 115	Business Law I	3	0	0	3	3
BUS 225	Business Finance	2	2	0	3	4
BUS 228	Business Statistics	2	2	0	<u>3</u>	<u>4</u>
					9	11

Spring Semester

ACC 131	Federal Income Taxes	2	2	0	3	4
BUS 230	Small Business Management	3	0	0	3	3
BUS 239	Business Applications Seminar	1	2	0	<u>2</u>	<u>3</u>
					8	10

TOTAL HOURS:

69-70 80-81

See selection list for electives at the end of the semester by semester listing for the Business Administration program.
See advisor for courses offered every other year.

**BUSINESS ADMINISTRATION
CERTIFICATE, DAY PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 120	Principles of Accounting I	3	2	0	4	5
BUS 115	Business Law I	3	0	0	3	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					9-10	11-12
<u>Spring Semester</u>						
BUS 230	Small Business Management	3	0	0	3	3
<u>Summer Semester</u>						
ACC 140	Payroll Accounting	1	2	0	2	3
TOTAL HOURS:				14-15 17-18		

**BUSINESS ADMINISTRATION
CERTIFICATE, EVENING PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 120	Principles of Accounting I	3	2	0	4	5
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					6-7	8-9
<u>Spring Semester</u>						
BUS 230	Small Business Management	3	0	0	3	3
<u>Summer Semester</u>						
ACC 140	Payroll Accounting	1	2	0	2	3
<u>Fall Semester</u>						
BUS 115	Business Law I	3	0	0	3	3
TOTAL HOURS:				14-15 17-18		

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212.

Associate in Cosmetology (A55140)

Associate in Applied Science

Curriculum Description:

The Cosmetology curriculum is designed to provide competency-based knowledge, scientific/artistic principles and hands-on fundamentals associated with the cosmetology industry. The curriculum provides a simulated salon environment which enables students to develop manipulative skills.

Course work includes instruction in all phases of professional imaging, hair design, chemical processes, skin care, nail care, multi-cultural practices, business/computer principles, product knowledge and other selected topics.

Graduates should qualify to sit for the State Board of Cosmetic Arts examination. Upon successful passing of the State Board exam, graduates will be issued a license. Employment is available in beauty salons, and as skin/nail specialists, platform artists and related businesses.

COSMETOLOGY ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
COS 111	Cosmetology Concepts I	4	0	0	4	4
COS 112	Salon I	0	24	0	<u>8</u>	<u>24</u>
					13	29

Spring Semester

COS 113	Cosmetology Concepts II	4	0	0	4	4
COS 114	Salon II	0	24	0	8	24
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					14-15	31-32

Summer Semester

COS 115	Cosmetology Concepts III	4	0	0	4	4
COS 116	Salon III	0	12	0	<u>4</u>	<u>12</u>
					8	16

Fall Semester

COS 117	Cosmetology Concepts IV	2	0	0	2	2
COS 118	Salon IV	0	21	0	7	21
COS 121	Manicure/Nail Technology I	4	6	0	6	10

(continued at top of next page)

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
	<i>Select one of the following:</i>					
MAT 115	Mathematical Models OR	2	2	0	3	4
MAT 140	Survey of Mathematics AND	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab	0	2	0	<u>1</u>	<u>2</u>
					18-20	37

Spring Semester

ART 111	Art Appreciation	3	0	0	3	3
BUS 230	Small Business Management	3	0	0	3	3
COM 110	Introduction to Communication	3	0	0	3	3
COS 122	Manicure/Nail Technology II	4	6	0	6	10
PSY 150	General Psychology	3	0	0	<u>3</u>	<u>3</u>
					18	22

Summer Semester

ENG 111	Expository Writing	3	0	0	3	3
---------	--------------------	---	---	---	---	---

TOTAL HOURS: 74-75 138-139

COSMETOLOGY DIPLOMA, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
COS 111	Cosmetology Concepts I	4	0	0	4	4
COS 112	Salon I	0	24	0	<u>8</u>	<u>24</u>
					13	29

Spring Semester

COS 113	Cosmetology Concepts II	4	0	0	4	4
COS 114	Salon II	0	24	0	8	24
	<i>Select one of the following:</i>					
ENG 101	Applied Communication I	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					15	31

Summer Semester

COS 115	Cosmetology Concepts III	4	0	0	4	4
COS 116	Salon III	0	12	0	<u>4</u>	<u>12</u>
					8	16

Fall Semester

COS 117	Cosmetology Concepts IV	2	0	0	2	2
COS 118	Salon IV	0	21	0	7	21
	<i>Select one of the following:</i>					
MAT 101	Applied Mathematics I OR	2	2	0	3	4
MAT 115	Mathematical Models OR	2	2	0	3	4
MAT 140	Survey of Mathematics AND	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab	0	2	0	<u>1</u>	<u>2</u>
					12-13	27

TOTAL HOURS: 48-49 103

**COSMETOLOGY
CERTIFICATE - 1200 HOURS
DAY PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
COS 111	Cosmetology Concepts I	4	0	0	4	4
COS 112	Salon I	0	24	0	8	24
COS 223	Contemp. Hair Coloring	1	3	0	<u>2</u>	<u>4</u>
					14	32
<u>Spring Semester</u>						
COS 113	Cosmetology Concepts II	4	0	0	4	4
COS 114	Salon II	0	24	0	<u>8</u>	<u>24</u>
					12	28
<u>Summer Semester</u>						
COS 115	Cosmetology Concepts III	4	0	0	4	4
COS 116	Salon III	0	12	0	<u>4</u>	<u>12</u>
					8	16
TOTAL HOURS:					34	76

**COSMETOLOGY
MANICURING CERTIFICATE**

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
COS 121	Manicuring/Nail Technology I	4	6	0	6	10
COS 122	Manicuring/Nail Technology II	4	6	0	6	10
TOTAL HOURS:					12	20

This certificate is offered both day and evening periodically throughout the year. COS 121 is a prerequisite for COS 122. COS 117 must be taken by Associate Degree students and diploma program students. COS 223 must be taken by certificate students.

Cosmetology Instructor Training (C55160)

Certificate Program

Curriculum Description:

The Cosmetology Instructor curriculum provides a course of study for learning the skills needed to teach the theory and practice of cosmetology as required by the North Carolina Board of Cosmetic Arts.

Course work includes requirements for becoming an instructor, introduction to teaching theory, methods and aids, practice teaching and development of evaluation instruments.

Graduates of the program may be employed as cosmetology instructors in public or private education and business.

COSMETOLOGY INSTRUCTOR CERTIFICATE PROGRAM

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
COS 271	Instructor Concepts I	5	0	0	5	5
COS 272	Instructor Practicum I	0	21	0	7	21
COS 273	Instructor Concepts II	5	0	0	5	5
COS 274	Instructor Practicum II	0	21	0	7	21
TOTAL HOURS:					24	52

This certificate is offered both day and evening periodically throughout the year. COS 271 and COS 272 must be taken simultaneously and are prerequisites for COS 273 and COS 274 which must also be taken simultaneously. Cosmetology license and 6 months experience as a licensed cosmetologist are required for admission into this program.

Esthetics Technology (C55230)

Certificate Program

Curriculum Description:

The Esthetics Technology curriculum provides competency-based knowledge, scientific/artistic principles and hands-on fundamentals associated with the art of skin care. The curriculum provides a simulated salon environment that enable students to develop manipulate skills.

Course work includes instruction in all phases of professional Esthetics Technology, business/human relations, product knowledge, and other related topics.

Graduates should be prepared to take the North Carolina Cosmetology State Board Licensing Exam and upon passing be licensed and qualify for employment in beauty and cosmetic/skin care salons, as platform artists, and in related businesses.

ESTHETICS TECHNOLOGY CERTIFICATE

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
COS 119	Esthetics Concept I	2	0	0	2	2
COS 120	Esthetics Salon I	0	18	0	<u>6</u>	<u>18</u>
					8	20
<u>Spring Semester</u>						
COS 125	Esthetics Concept II	2	0	0	2	2
COS 126	Esthetics Salon II	0	18	0	<u>6</u>	<u>18</u>
					8	20
TOTAL HOURS:					16	40

Manicuring Instructor Training (C55380)

Certificate Program

Curriculum Description:

The Manicuring Instructor curriculum provides a course of study covering the skills needed to teach the theory and practices of manicuring as required by the North Carolina State Board of Cosmetology.

Course work includes all phases of manicuring theory laboratory instruction.

Graduates should be prepared to take the North Carolina Cosmetology State Board Manicuring Instructor Licensing Exam and upon passing be qualified for employment in a cosmetology or manicuring school.

MANICURING INSTRUCTOR CERTIFICATE

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
COS 251	Manicure Instructor Concepts	8	0	0	8	8
COS 252	Manicure Instructor Practicum	0	15	0	5	15

TOTAL HOURS: **13 23**

The Manicuring Instructor Certificate is offered both day and evening periodically throughout the year. COS 252 is a corequisite for COS 251.

Criminal Justice Technology (A55180)

Associate in Applied Science

Curriculum Description:

The Criminal Justice Technology curriculum is designed to provide knowledge of criminal justice systems and operations. Study will focus on local, state and federal law enforcement, judicial processes, corrections and security services. The criminal justice system's role within society will be explored.

Emphasis is on criminal justice systems, criminology, juvenile justice, criminal and constitutional law, investigative principles, ethics and community relations. Additional study may include issues and concepts of government, counseling, communications, computers and technology.

Employment opportunities exist in a variety of local, state and federal law enforcement, corrections and security fields. Examples include police officer, deputy sheriff, county detention officer, state trooper, intensive probation/parole surveillance officer, correctional officer and loss prevention specialist.

CRIMINAL JUSTICE ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Introduction to Computers	2	2	0	3	4
CJC 111	Introduction to Criminal Justice	3	0	0	3	3
CJC 131	Criminal Law	3	0	0	3	3
CJC 213	Substance Abuse	3	0	0	3	3
<i>Select one of the following:</i>						
MAT 140	Survey of Mathematics AND	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab OR	0	2	0	1	2
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					17	19
 <u>Spring Semester</u>						
CJC 112	Criminology	3	0	0	3	3
CJC 113	Juvenile Justice	3	0	0	3	3
CJC 132	Court Procedures & Evidence	3	0	0	3	3
CJC 212	Ethics & Community Relations	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					15	15
 <u>Summer Semester</u>						
Criminal Justice Electives		6	0	0	6	6
Humanities Elective		3	0	0	<u>3</u>	<u>3</u>
					9	9

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
CJC 214	Victimology	3	0	0	3	3
CJC 231	Constitutional Law	3	0	0	3	3
ENG 114	Professional Research & Reporting	3	0	0	3	3
PSY 150	General Psychology	3	0	0	3	3
	Criminal Justice Elective	3	0	0	<u>3</u>	<u>3</u>
					15	15

<u>Spring Semester</u>						
BIO 163	Basic Anatomy & Physiology	4	2	0	5	6
CJC 221	Investigative Principles	3	2	0	4	5
	Criminal Justice Elective	3	0	0	3	3
	<i>Select one of the following:</i>					
POL 120	American Government	3	0	0	3	3
POL 130	State & Local Government	3	0	0	<u>3</u>	<u>3</u>
					15	17

TOTAL HOURS: **71 74**

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212.

Criminal Justice Electives: BUS 253, CJC 120, CJC 121, CJC 141, CJC 222, CJC 225, CJC 233, CJC 240, CJC 241

Successful completion of CJC 100 may substitute for: CJC 120, CJC 131, CJC 132, CJC 221, CJC225 and CJC 231.

CRIMINAL JUSTICE CERTIFICATE

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
CJC 111	Intro. to Criminal Justice	3	0	0	3	3
CJC 112	Criminology	3	0	0	3	3
CJC 131	Criminal Law	3	0	0	3	3
CJC 231	Constitutional Law	3	0	0	<u>3</u>	<u>3</u>
					12	12
TOTAL HOURS					12	12

Early Childhood Associate (A55220)

Associate in Applied Science

Curriculum Description:

The Early Childhood Associate curriculum prepares individuals to work with children from infancy through middle childhood in diverse learning environments. Students will combine learned theories with practice in actual settings with young children under the supervision of qualified teachers.

Course work includes childhood growth and development, physical/nutritional needs of children, care and guidance of children and communication skills with parents and children. Students will foster the cognitive/language, physical/motor, social/emotional and creative development of young children.

Graduates are prepared to plan and implement developmentally appropriate programs in early childhood settings. Employment opportunities include child development and child care programs, preschools, public and private schools, recreational centers, Head Start Programs, and school age programs.

EARLY CHILDHOOD ASSOCIATE ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
EDU 119	Early Childhood Education	3	2	0	4	5
	or a set of the following:					
EDU 111	Early Childhood Credential I	2	0	0	2	2
	and					
EDU 112	Early Childhood Credential II	2	0	0	2	2
	or					
EDU 113	Family and ECH Credentials	2	0	0	2	2
EDU 144	Child Development I	3	0	0	3	3
EDU 146	Child Guidance	3	0	0	3	3
PSY 150	General Psychology	3	0	0	3	3
	<i>Select one of the following:</i>					
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					16-17	18-19

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
COE 111	Co-Op Work Experience I	0	0	10	1	10
COE 115	Work Experience Seminar-I	1	0	0	1	1
EDU 145	Child Development II	3	0	0	3	3
EDU 151	Creative Activities	3	0	0	3	3
EDU 151A	Creative Activities Lab	0	2	0	1	2
ENG 111	Expository Writing	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					15	25

Summer Semester

EDU 153	Health, Safety and Nutrition	3	0	0	3	3
EDU 153A	Health, Safety and Nutrition Lab	0	2	0	1	2
SOC 213	Sociology of the Family	3	0	0	<u>3</u>	<u>3</u>
					7	8

Fall Semester

BIO 143	Field Biology Minicourse	1	2	0	2	3
COE 121	Co-op Work Experience II	0	0	10	1	10
COE 125	Work Experience Seminar II	1	0	0	1	1
COM 110	Introduction to Communication	3	0	0	3	3
EDU 131	Children, Family, and Community	3	0	0	3	3
EDU 221	Children with Special Needs	3	0	0	3	3
PSY 243	Child Psychology	3	0	0	<u>3</u>	<u>3</u>
					16	26

Spring Semester

BIO 224	Local Flora Spring	1	2	0	2	3
COE 131	Co-op Work Experience III	0	0	10	1	10
COE 135	Work Experience Seminar III	1	0	0	1	1
EDU 251	Exploration Activities	3	0	0	3	3
EDU 259	Curriculum Planning	3	0	0	3	3
EDU 261	Early Childhood Admin. I	2	0	0	2	3
HUM 220	Human Values and Meaning	3	0	0	<u>3</u>	<u>3</u>
					15	26

Summer Semester

EDU 234	Infants, Toddlers & Twos	3	0	0	3	3
<i>Select one of the following:</i>						
EDU 235	School-Age Dev. & Program	2	0	0	2	2
EDU 262	Early Childhood Admin. II	3	0	0	3	3
EDU 263	Dev. School-Age Program	2	0	0	2	2
EDU 271	Media Technology for Teachers	2	2	0	3	4
EDU 282	Early Childhood Literature	3	0	0	<u>3</u>	<u>3</u>
					6	5-7

TOTAL HOURS:

75-76104-107

EARLY CHILDHOOD ASSOCIATE DIPLOMA, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
EDU 119	Early Childhood Education	3	2	0	4	5
or a set of the following:						
EDU 111	Early Childhood Credential I and 2		0	0	2	2
EDU 112	Early Childhood Credential II or 2		0	0	2	2
EDU 113	Family and ECH Credentials	2	0	0	2	2
EDU 144	Child Development I	3	0	0	3	3
EDU 146	Child Guidance	3	0	0	3	3
Select one of the following:						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					13-14	14-16

Spring Semester

COE 111	Co-op Work Experience I	0	0	10	1	10
COE 115	Work Experience Seminar I	1	0	0	1	1
EDU 145	Child Development II	3	0	0	3	3
EDU 151	Creative Activities	3	0	0	3	3
EDU 151A	Creative Activities Lab	0	2	0	1	2
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					12	22

Summer Semester

EDU 153	Health, Safety & Nutrition	3	0	0	3	3
EDU 153A	Health, Safety & Nutrition Lab	0	2	0	<u>1</u>	<u>2</u>
					4	5

Fall Semester

EDU 131	Children, Family, and Community	3	0	0	3	3
EDU 221	Children with Special Needs	3	0	0	3	3
HUM 220	Human Values and Meaning	3	0	0	<u>3</u>	<u>3</u>
					9	9

Spring Semester

EDU 251	Exploration Activities	3	0	0	3	3
EDU 259	Curriculum Planning	3	0	0	<u>3</u>	<u>3</u>
					6	6

Summer Semester

EDU 261	Early Childhood Administration I	2	0	0	2	2
---------	----------------------------------	---	---	---	---	---

TOTAL HOURS:

46-47 58-59

EARLY CHILDHOOD ASSOCIATE CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
EDU 111	Early Childhood Credential I	2	0	0	2	2

Spring Semester

EDU 144	Child Development I	3	0	0	3	3
---------	---------------------	---	---	---	---	---

Select one of the following:

EDU 112	Early Childhood Credential II	2	0	0	2	2
---------	-------------------------------	---	---	---	---	---

EDU 113	Family/ECH Credential	2	0	0	<u>2</u>	<u>2</u>
					5	5

Summer Semester

EDU 131	Children, Family & Community	3	0	0	3	3
---------	------------------------------	---	---	---	---	---

Fall Semester

EDU 146	Child Guidance	3	0	0	3	3
---------	----------------	---	---	---	---	---

Spring Semester

EDU 151	Creative Activities	3	0	0	3	3
---------	---------------------	---	---	---	---	---

EDU 151A	Creative Activities Lab	0	2	0	<u>1</u>	<u>2</u>
					4	5

TOTAL HOURS: **17 18**

EARLY CHILDHOOD ASSOCIATE CERTIFICATE FOR ADMINISTRATORS, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
EDU 144	Child Development I	3	0	0	3	3

Spring Semester

EDU 151	Creative Activities	3	0	0	3	3
---------	---------------------	---	---	---	---	---

EDU 151A	Creative Activities Lab	0	2	0	<u>1</u>	<u>2</u>
					4	5

Summer Semester

EDU 261	Early Childhood Administration I	2	0	0	2	2
---------	----------------------------------	---	---	---	---	---

Fall Semester

EDU 262	Early Childhood Administration II	3	0	0	3	3
---------	-----------------------------------	---	---	---	---	---

TOTAL HOURS **12 13**

Electrical/Electronics Technology (D35220)

Diploma Program

Curriculum Description:

The Electrical/Electronics Technology curriculum is designed to provide training for persons interested in the installation and maintenance of electrical/electronic systems found in residential, commercial and industrial facilities.

Training, most of which is hands-on, will include such topics as AC/DC theory, basic wiring practices, digital electronics, programmable logic controllers, industrial motor controls, the National Electric Code and other subjects as local needs require.

Graduates should qualify for a variety of jobs in the electrical/electronic field as an on-the-job trainer or apprentice, assisting in the layout, installation and maintenance of electrical/electronic systems.

ELECTRICAL/ELECTRONICS TECHNOLOGY DIPLOMA, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ELC 112	DC/AC Electricity	3	6	0	5	9
MAT 101	Applied Mathematics I	2	2	0	<u>3</u>	<u>4</u>
					9	14
<u>Spring Semester</u>						
ELC 113	Basic Wiring I	2	6	0	4	8
ENG 101	Applied Communications I	3	0	0	3	3
MAT 102	Applied Mathematics II	2	2	0	<u>3</u>	<u>4</u>
					10	15
<u>Summer Semester</u>						
ELC 114	Basic Wiring II	2	6	0	4	8
<u>Fall Semester</u>						
ELC 118	National Electrical Code	1	2	0	2	3
ELC 119	NEC Calculations	1	2	0	2	3
ELC 132	Electrical Drawings	1	3	0	<u>2</u>	<u>4</u>
					6	10
<u>Spring Semester</u>						
ELC 115	Industrial Wiring	2	6	0	4	8
ELC 135	Electrical Machines I	2	2	0	<u>3</u>	<u>4</u>
					7	12

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELC 231	Electric Power Systems	3	2	0	4	5

Fall Semester

ELC 117	Motors and Controls	2	6	0	4	8
ELC 128	Introduction to PLC	2	3	0	<u>3</u>	<u>5</u>
					7	13

TOTAL HOURS: **47 77**

ELECTRICAL/ELECTRONICS TECHNOLOGY INDUSTRIAL WIRING CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELC 112	DC/AC Electricity	3	6	0	5	9
MAT 101	Applied Mathematics I	2	2	0	<u>3</u>	<u>4</u>
					8	13

Spring Semester

ELC 115	Industrial Wiring	2	6	0	4	8
---------	-------------------	---	---	---	---	---

Fall Semester

ELC 117	Motors and Controls	2	6	0	4	8
ELC 118	National Electrical Code	1	2	0	<u>2</u>	<u>3</u>
					6	11

TOTAL HOURS: **18 32**

Completion of all prerequisites is required before entering this program.

ELECTRICAL/ELECTRONICS TECHNOLOGY RESIDENTIAL WIRING CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELC 112	DC/AC Electricity	3	6	0	5	9
MAT 101	Applied Mathematics I	2	2	0	<u>3</u>	<u>4</u>
					8	13

Spring Semester

ELC 113	Basic Wiring I	2	6	0	4	8
---------	----------------	---	---	---	---	---

Fall Semester

ELC 118	National Electrical Code	1	2	0	2	3
ELC 119	NEC Calculations	1	2	0	<u>2</u>	<u>3</u>
					4	6

TOTAL HOURS: **16 27**

Electronics Engineering Technology (A40200)

Associate in Applied Science

Curriculum Description:

The Electronics Engineering Technology curriculum prepares individuals to become technicians who design, build, install, test, troubleshoot, repair and modify developmental and production electronic components, equipment and systems such as industrial/computer controls, manufacturing systems, communication systems and power electronic systems.

A broad-based core of courses, including basic electricity, solid-state fundamentals, digital concepts and microprocessors ensures the student will develop the skills necessary to perform entry-level tasks. Emphasis is placed on developing the student's ability to analyze and troubleshoot electronic systems.

Graduates should qualify for employment as engineering assistants or electronic technicians with job titles including electronics engineering technician, field service technician, maintenance technician, electronic tester, electronic systems integrator, bench technician and production control technician.

ELECTRONICS ENGINEERING TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ELC 131	DC/AC Circuit Analysis	4	3	0	5	7
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	2	3
<i>Select one of the following:</i>						
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					15-16	19-20
 <u>Spring Semester</u>						
ENG 111	Expository Writing	3	0	0	3	3
ELN 131	Electronic Devices	3	3	0	4	6
ELN 133	Digital Electronics	3	3	0	4	6
MAT 162	College Trigonometry	3	0	0	<u>3</u>	<u>3</u>
					14	18

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELN 132	Linear IC Applications	3	3	0	4	6
ELN 150	CAD for Electronics	1	3	0	2	4
<i>Select one of the following:</i>						
COM 110	Introduction to Communications	3	0	0	3	3
ENG 114	Professional Research & Reporting	3	0	0	<u>3</u>	<u>3</u>
					9	13

<u>Fall Semester</u>						
CIS 115	Introduction to Programming and Logic	2	2	0	3	4
ELN 232	Introduction to Microprocessors	3	3	0	4	6
ELN 234	Communication System	3	3	0	4	6
PHY 151	College Physics I	3	2	0	<u>4</u>	<u>5</u>
					15	21

<u>Spring Semester</u>						
CSC 132	BASIC Programming	2	3	0	3	5
ELN 233	Microprocessor Systems	3	3	0	4	6
HUM 110	Technology & Society	3	0	0	3	3
PHY 152	College Physics II	3	2	0	<u>4</u>	<u>5</u>
					14	19

TOTAL HOURS: 67-68 90-91

ELECTRONICS ENGINEERING TECHNOLOGY ASSOCIATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ELC 131	DC/AC Circuit Analysis	4	3	0	5	7
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					10	13

<u>Spring Semester</u>						
ELN 131	Electronic Devices	3	3	0	4	6
MAT 162	College Trigonometry	3	0	0	3	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					9-10	12-13

<u>Summer Semester</u>						
ELN 132	Linear IC Applications	3	3	0	4	6

<u>Fall Semester</u>						
ELN 133	Digital Electronics	3	3	0	4	6
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					7	9

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
CIS 115	Intro. to Programming & Logic	2	2	0	3	4
ELN 150	CAD for Electronics	1	3	0	2	4
PSY 150	General Psychology	3	0	0	3	3
<i>Select one of the following:</i>						
COM 110	Introduction to Communication	3	0	0	3	3
ENG 114	Professional Research & Reporting	3	0	0	<u>3</u>	<u>3</u>
					11	14

Summer Semester

ELN 232	Introduction to Microprocessors	3	3	0	4	6
---------	---------------------------------	---	---	---	---	---

Fall Semester

ELN 234	Communication Systems	3	3	0	4	6
HUM 110	Technology & Society	3	0	0	3	3
PHY 151	College Physics I	3	2	0	<u>4</u>	<u>5</u>
					11	14

Spring Semester

CSC 132	BASIC Programming	2	3	0	3	5
ELN 233	Microprocessor Systems	3	3	0	4	6
PHY 152	College Physics II	3	2	0	<u>4</u>	<u>5</u>
					11	16

TOTAL HOURS:

67-68 90-91

ELECTRONICS ENGINEERING TECHNOLOGY APPLIED ELECTRONICS CERTIFICATE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					2-3	3-4

Spring Semester

ENG 111	Expository Writing	3	0	0	3	3
---------	--------------------	---	---	---	---	---

Summer Semester

ELN 150	CAD for Electronics	1	3	0	2	4
---------	---------------------	---	---	---	---	---

Fall Semester

ELN 234	Communication Systems	3	3	0	4	6
---------	-----------------------	---	---	---	---	---

Spring Semester

ELN 232	Introduction to Microprocessors	3	0	0	4	6
---------	---------------------------------	---	---	---	---	---

TOTAL HOURS:

15-16 22-23

Completion of all prerequisites is required before entering this program.

**ELECTRONICS ENGINEERING TECHNOLOGY
APPLIED ELECTRONICS CERTIFICATE, EVENING PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELN 234	Communication Systems	3	3	0	4	6

Spring Semester
Select one of the following:

CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					2-3	3-4

<u>Summer Semester</u>						
ELN 232	Introduction to Microprocessors	3	3	0	4	6

<u>Fall Semester</u>						
ENG 111	Expository Writing	3	0	0	3	3

<u>Spring Semester</u>						
ELN 150	CAD for Electronics	1	3	0	2	4

TOTAL HOURS: 15-16 22-23

Completion of all prerequisites is required before entering this program.

**ELECTRONICS ENGINEERING TECHNOLOGY
BASIC ELECTRONICS CERTIFICATE, DAY PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELC 131	DC/AC Circuit Analysis	4	3	0	5	7
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					9	12

<u>Spring Semester</u>						
ELN 131	Electronic Devices	3	3	0	4	6

<u>Summer Semester</u>						
ELN 132	Linear IC Applications	3	3	0	4	6

TOTAL HOURS: 17 24

**ELECTRONICS ENGINEERING TECHNOLOGY
BASIC ELECTRONICS CERTIFICATE, EVENING PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELC 131	DC/AC Circuit Analysis	4	3	0	5	7
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					9	12
<u>Spring Semester</u>						
ELN 131	Electronic Devices	3	3	0	4	6
<u>Summer Semester</u>						
ELN 132	Linear IC Applications	3	3	0	4	6
TOTAL HOURS:					17	24

**ELECTRONICS ENGINEERING TECHNOLOGY
DIGITAL ELECTRONICS CERTIFICATE, DAY PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELN 232	Introduction to Microprocessors	3	3	0	4	6
<u>Spring Semester</u>						
ELN 133	Digital Electronics	3	3	0	4	6
<u>Fall Semester</u>						
ENG 111	Expository Writing	3	0	0	3	3
<u>Spring Semester</u>						
ELN 233	Microprocessor Systems	3	3	0	4	6
TOTAL HOURS:					15	21

Completion of all prerequisites is required before entering this program.

ELECTRONICS ENGINEERING TECHNOLOGY
DIGITAL ELECTRONICS CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELN 133	Digital Electronics	3	3	0	4	6
<u>Spring Semester</u>						
ELN 232	Introduction to Microprocessors	3	3	0	4	6
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					7	9
<u>Summer Semester</u>						
ELN 233	Microprocessor Systems	3	3	0	4	6

TOTAL HOURS: **15 21**

Completion of all prerequisites is required before entering this program.

General Occupational Technology (D55280)

Diploma Program

Curriculum Description:

This curriculum provides individuals with an opportunity to upgrade their skills and to earn an associate degree by taking courses suited for their occupational interests and/or needs.

The curriculum content will be individualized for students according to their occupational interests and needs. A program of study for each student will be selected from associate degree level courses offered by the College.

Graduates will become more effective workers, be better qualified for advancements within their fields of employment or become qualified for a wide range of entry level employment opportunities.

The following courses are primarily intended for students seeking admittance to the Associate Degree Nursing program. However, the curriculum content can be individualized for students seeking to upgrade their skills.

GENERAL OCCUPATIONAL TECHNOLOGY DIPLOMA, DAY PROGRAM

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
<i>Select one of the following:</i>						
BIO 111	General Biology I	3	3	0	4	6
BIO 163	Basic Anatomy & Physiology	4	2	0	<u>5</u>	<u>6</u>
					5-6	7
<u>Fall Semester</u>						
BIO 165	Anatomy & Physiology I	3	3	0	4	6
OST 141	Medical Terminology I	3	0	0	3	3
PSY 110	Life Span Development	3	0	0	3	3
	Major Elective	2-3	0	0	2-3	2-3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					14-16	17-19
<u>Spring Semester</u>						
BIO 166	Anatomy & Physiology II	3	3	0	4	6
COM 110	Introduction to Communication	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
	Major Elective	2-3	0	0	2-3	2-3
	Humanities Elective	3	0	0	3	3
OST 142	Medical Terminology II	3	0	0	<u>3</u>	<u>3</u>
					18-19	20-21

TOTAL HOURS:

37-41 44-47

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212.

Major Electives: Select 6 hours from the following: CJC 213, OST 149, PSY 115, PSY 141, PSY 150

Horticulture Technology (A15240)

Associate in Applied Science

Curriculum Description:

The Horticulture Technology curriculum is designed to prepare individuals for various careers in horticulture. Classroom instruction and practical laboratory applications of horticulture principles and practices are included in the program of study.

Course work includes plant science, plant materials, propagation, soils, fertilizers, and pest management. Also included are courses in plant production, landscaping, and the management and operation of horticulture businesses.

Graduates should qualify for employment opportunities in nurseries, garden centers, greenhouses, landscape operations, gardens, and governmental agencies. Graduates should also be prepared to take North Carolina Pesticide Applicator's Examination and the North Carolina Certified Plant Professional Examination.

HORTICULTURE TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
COM 110	Introduction to Communication	3	0	0	3	3
HOR 112	Landscape Design I	2	3	0	3	5
HOR 160	Plant Materials I	2	2	0	3	4
HOR 162	Applied Plant Science	2	2	0	3	4
HOR 166	Soils and Fertilizers	2	2	0	<u>3</u>	<u>4</u>
					16	21
<u>Spring Semester</u>						
CIS 111	Basic PC Literacy	1	2	0	2	3
ENG 111	Expository Writing	3	0	0	3	3
HOR 164	Horticulture Pest Management	2	2	0	3	4
HOR 168	Plant Propagation	2	2	0	3	4
HOR 213	Landscape Design II	2	2	0	<u>3</u>	<u>4</u>
					14	18

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
HOR 114	Landscape Construction	2	2	0	3	4
HOR 251	Insects and Diseases	2	2	0	3	4
HOR 260	Plant Materials II	2	2	0	<u>3</u>	<u>4</u>
					9	12

Fall Semester

HOR 170	Horticulture Computer Appls.	1	3	0	2	4
HOR 245	Horticulture Specialty Crops	2	2	0	3	4
HOR 273	Horticulture Mgt. & Mkt.	3	0	0	3	3
<i>Select one of the following:</i>						
MAT 140	Survey of Mathematics AND	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab OR	0	2	0	1	2
MAT 161	College Algebra AND	3	0	0	3	3
MAT 161A	College Algebra	0	2	0	1	2
<i>Select one of the following:</i>						
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					15	19

Spring Semester

HOR 154	Intro to Horticulture Therapy	2	4	0	4	6
	Humanities Elective	3	0	0	3	3
<i>Select six credit hours from the following:</i>						
COE 112	Co-op Work Experience I	0	0	20	2	20
COE 115	Work Experience Seminar I	1	0	0	1	1
HOR 225	Nursery Production	2	3	0	3	5
HOR 235	Greenhouse Production	2	2	0	3	4
<i>Select one of the following:</i>						
HOR 118	Equipment Operation & Maint.	1	3	0	2	4
HOR 255	Interiorscapes	1	2	0	2	3
HOR 257	Arboriculture Practices	1	3	0	<u>2</u>	<u>4</u>
					15	—

TOTAL HOURS: 69 —

See selection list for electives at the end of the semester by semester listing for Horticulture Technology.

HORTICULTURE DIPLOMA, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
HOR 112	Landscape Design I	2	3	0	3	5
HOR 160	Plant Materials I	2	2	0	3	4
HOR 162	Applied Plant Science	2	2	0	3	4
HOR 166	Soils and Fertilizers	2	2	0	3	4
<i>Select one of the following:</i>						
MAT 101	Applied Mathematics I OR	2	2	0	3	4
MAT 140	Survey of Mathematics AND	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab OR	0	2	0	1	2
MAT 161	College Algebra AND	3	0	0	3	3
MAT 161A	College Algebra	0	2	0	<u>1</u>	<u>2</u>
					15-16	21-22

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
HOR 164	Horticulture Pest Management	2	2	0	3	4
HOR 168	Plant Propagation	2	2	0	3	4
HOR 213	Landscape Design II	2	2	0	3	4
HOR 225	Nursery Production	2	3	0	3	5
HOR 235	Greenhouse Production	2	2	0	3	4
<i>Select one of the following:</i>						
HOR 118	Equipment Operation & Maint.	1	3	0	2	4
HOR 255	Interiorscapes	1	2	0	2	3
HOR 257	Arboriculture Practices	1	3	0	<u>2</u>	<u>4</u>
					17	24-25

<u>Summer Semester</u>						
HOR 114	Landscape Construction	2	2	0	3	4
HOR 260	Plant Materials II	2	2	0	3	4
<i>Select one of the following:</i>						
ENG 101	Applied Communications I	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					9	11

TOTAL HOURS:
41
55-57

HORTICULTURE

CERTIFICATE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
HOR 160	Plant Materials I	2	2	0	3	4
HOR 162	Applied Plant Science	2	2	0	3	4
HOR 166	Soils and Fertilizers	2	2	0	<u>3</u>	<u>4</u>
					9	12

<u>Spring Semester</u>						
HOR 164	Horticulture Pest Management	2	2	0	3	4
HOR 168	Plant Propagation	2	2	0	<u>3</u>	<u>4</u>
					6	8

TOTAL HOURS:
15
20

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212.

Industrial Maintenance (D50240)

Diploma Program

Curriculum Description:

The Industrial Maintenance Technology curriculum is designed to prepare or upgrade individuals to service, maintain, repair, or install equipment for a wide range of industries. Instruction includes theory and skill training needed for inspecting, testing, troubleshooting, and diagnosing industrial equipment and physical facilities.

Students will learn technical skills in blueprint reading, electricity hydraulics/pneumatics, machining, welding, and various maintenance procedures. Practical application in these industrial systems will be emphasized and additional advanced course work may be offered.

Upon completion of any of the various levels of this curriculum, graduates should gain the necessary practical skills and related technical information to qualify for employment or advancement in the various areas of industrial maintenance technology.

INDUSTRIAL MAINTENANCE DIPLOMA, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELC 111	Introduction to Electricity	2	2	0	3	4
MAT 101	Applied Mathematics I	2	2	0	<u>3</u>	<u>4</u>
					6	8

Spring Semester

ENG 101	Applied Communications I	3	0	0	3	3
MNT 110	Intro to Maint. Procedures	1	3	0	2	4
WLD 112	Basic Welding Processes	1	3	0	<u>2</u>	<u>4</u>
					7	11

Summer Semester

HYD 110	Hydraulics/Pneumatics	2	3	0	3	5
	<i>Select one of the following:</i>					
CIS 110	Intro to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					5-6	8-9

Fall Semester

ELC 113	Basic Wiring I	2	6	0	4	8
ELC 128	Introduction to PLC	2	3	0	<u>3</u>	<u>5</u>
					7	13

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
BPR 111	Blueprint Reading	1	2	0	2	3
MEC 111	Machine Processes I	2	3	0	<u>3</u>	<u>5</u>
					5	8

Summer Semester

ELC 115	Industrial Wiring	2	6	0	4	8
MNT 240	Indust Equip Troubleshoot	1	3	0	<u>2</u>	<u>4</u>
					6	12

TOTAL HOURS: 36-37 60-61

INDUSTRIAL MAINTENANCE - LEVEL I CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELC 111	Introduction to Electricity	2	2	0	3	4
WLD 112	Basic Welding Processes	1	3	0	<u>2</u>	<u>4</u>
					5	8

Spring Semester

ELC 128	Introduction to PLC	2	3	0	3	5
MNT 110	Intro. to Maint. Procedures	1	3	0	<u>2</u>	<u>4</u>
					5	9

Summer Semester

HYD 110	Hydraulics/Pneumatics I	2	3	0	3	5
---------	-------------------------	---	---	---	---	---

Fall Semester

MEC 111	Machine Processes I	2	3	0	3	5
---------	---------------------	---	---	---	---	---

TOTAL HOURS: 16 27

INDUSTRIAL MAINTENANCE - LEVEL II CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ELC 113	Basic Wiring I	2	6	0	4	8

Spring Semester

BPR 111	Blueprint Reading	1	2	0	2	3
---------	-------------------	---	---	---	---	---

Summer Semester

ELC 115	Industrial Wiring	2	6	0	4	8
---------	-------------------	---	---	---	---	---

Spring Semester

MNT 240	Indust Equip Troubleshoot	1	3	0	<u>2</u>	<u>4</u>
---------	---------------------------	---	---	---	----------	----------

TOTAL HOURS: 12 23

Information Systems (A25260)

Associate in Applied Science

Curriculum Description:

The Information Systems curriculum is designed to prepare graduates for employment with organizations that use computers to process, manage and communicate information. This is a flexible program, designed to meet community information systems needs.

Course work includes computer systems terminology and operations, logic, operating systems, database, data communications/networking and related business topics. Studies will provide experience for students to implement, support and customize industry-standard information systems.

Graduates should qualify for a wide variety of computer-related, entry-level positions that provide opportunities for advancement with increasing experience and ongoing training. Duties may include systems maintenance and troubleshooting, support and training and business applications design and implementation.

INFORMATION SYSTEMS ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ACC 120	Principles of Accounting I	3	2	0	4	5
CIS 110	Introduction to Computers	2	2	0	3	4
NET 110	Data Comm./Networking	2	2	0	3	4
	Humanities Elective	3	0	0	<u>3</u>	<u>3</u>
					14	17
<u>Spring Semester</u>						
CIS 120	Spreadsheet I	2	2	0	3	4
CIS 130	Survey of Operating Systems	2	3	0	3	5
ENG 111	Expository Writing	3	0	0	3	3
NET 125	Routing & Switching I	1	4	0	3	5
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					14	20
<u>Summer Semester</u>						
CIS 152	Database Concepts & Apps.	2	2	0	3	4
	Computer Elective				<u>2-3</u>	--
					5-6	--

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
BUS 260	Business Communication	3	0	0	3	3
CIS 115	Intro. to Prog. and Logic	2	2	0	3	4
CIS 215	Hardware Install./Maintenance	2	3	0	3	5
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
	Computer Elective				<u>3</u>	<u>--</u>
					16	--

Spring Semester

BUS 240	Business Ethics	3	0	0	3	3
CIS 216	Software Installation & Maint.	1	2	0	2	3
COM 110	Introduction to Communication	3	0	0	3	3
	Computer Electives				6	--
	<i>Select one of the following:</i>					
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					17	--

TOTAL HOURS: **66** **--**

See selection list for electives at the end of the semester by semester listing for Information Systems.

INFORMATION SYSTEMS DIPLOMA, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Introduction to Computers	2	2	0	3	4
ENG 111	Expository Writing	3	0	0	3	3
NET 110	Data Comm./Networking	2	2	0	<u>3</u>	<u>4</u>
					10	12

Spring Semester

CIS 120	Spreadsheet I	2	2	0	3	4
NET 125	Routing & Switching I	1	4	0	3	5
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					8	12

Summer Semester

CIS 152	Database Concepts & Apps.	2	2	0	3	4
---------	---------------------------	---	---	---	---	---

Fall Semester

BUS 260	Business Communication	3	0	0	3	3
CIS 115	Intro. to Programming & Logic	2	2	0	3	4
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					10	12

Spring Semester

BUS 240	Business Ethics	3	0	0	3	3
CIS 130	Survey of Operating Systems	2	3	0	3	5
CIS 169	Business Presentations	1	2	0	<u>2</u>	<u>3</u>
					8	11

TOTAL HOURS: **39** **51**

**INFORMATION SYSTEMS
DIPLOMA, EVENING PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Introduction to Computers	2	2	0	<u>3</u>	<u>4</u>
					4	5
<u>Spring Semester</u>						
NET 110	Data Comm./Networking	2	2	0	3	4
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					5	7
<u>Summer Semester</u>						
ENG 111	Expository Writing	3	0	0	3	3
<u>Fall Semester</u>						
NET 125	Routing & Switching I	1	4	0	3	5
<u>Spring Semester</u>						
BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	<u>3</u>	<u>4</u>
					6	7
<u>Summer Semester</u>						
CIS 152	Database Concepts & Apps.	2	2	0	3	4
<u>Fall Semester</u>						
BUS 260	Business Communication	3	0	0	3	3
CIS 130	Survey of Operating Systems	2	3	0	<u>3</u>	<u>5</u>
					6	8
<u>Spring Semester</u>						
CIS 115	Intro. to Programming & Logic	2	2	0	3	4
CIS 169	Business Presentations	1	2	0	<u>2</u>	<u>3</u>
					5	7
<u>Summer Semester</u>						
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					4	5
TOTAL HOURS:					39	51

**INFORMATION SYSTEMS
APPLICATIONS CERTIFICATE, DAY PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
CIS 110	Introduction to Computers	2	2	0	3	4
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					5	7
<u>Spring Semester</u>						
CIS 120	Spreadsheet I	2	2	0	3	4
CIS 169	Business Presentations	1	2	0	<u>2</u>	<u>3</u>
					5	7
<u>Summer Semester</u>						
CIS 152	Database Concepts & Apps.	2	2	0	3	4
TOTAL HOURS:					13	18

INFORMATION SYSTEMS APPLICATIONS CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
CIS 110	Introduction to Computers	2	2	0	3	4

<u>Spring Semester</u>						
CIS 120	Spreadsheet I	2	2	0	3	4
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					5	7

<u>Summer Semester</u>						
CIS 152	Database Concepts & Apps.	2	2	0	3	4

<u>Spring Semester</u>						
CIS 169	Business Presentations	1	2	0	2	3

TOTAL HOURS: **13 18**

INFORMATION SYSTEMS NETWORKING CERTIFICATE, DAY PROGRAM

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
NET 125	Routing & Switching I	1	4	0	3	5

<u>Summer Semester</u>						
NET 126	Routing & Switching II	1	4	0	3	5

<u>Fall Semester</u>						
NET 225	Adv. Routing & Switching I	1	4	0	3	5

<u>Spring Semester</u>						
NET 226	Adv. Routing & Switching II	1	4	0	3	5

TOTAL HOURS: **12 20**

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212

Computer Electives: CSC 139, CIS 147, CIS 153, CIS 169, CIS 172, CIS 175, NET 126, NET 225, NET 226, OST 137

Medical Office Administration (A25310)

Associate in Applied Science

Curriculum Description:

This curriculum prepares individuals for employment in medical and other health-care related offices.

Course work will include medical terminology; information systems; office management; medical coding, billing, and insurance; legal and ethical issues; and formatting and word processing. Students will learn administrative and support functions and develop skills applicable in medical environments.

Employment opportunities are available in medical and dental offices, hospitals, insurance companies, laboratories, medical supply companies, and other health-care related organizations.

MEDICAL OFFICE ADMINISTRATION ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
OST 122	Office Computations	1	2	0	2	3
OST 181	Introduction to Office Systems	2	2	0	3	4
OST 184	Records Management	1	2	0	2	3
	Humanities Elective	3	0	0	3	3
	<i>Select one of the following:</i>					
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					13-14	17-18
<u>Spring Semester</u>						
BIO 163	Basic Anatomy & Physiology	4	2	0	5	6
ENG 111	Expository Writing	3	0	0	3	3
OST 136	Word Processing	1	2	0	2	3
OST 164	Text Editing Applications	3	0	0	3	3
	<i>Select one of the following:</i>					
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					16	18
ACC 140	Payroll Accounting	1	2	0	2	3
COM 110	Introduction to Communication	3	0	0	3	3
OST 149	Medical Legal Issues	3	0	0	<u>3</u>	<u>3</u>
					8	9

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 115	College Accounting	3	2	0	4	5
BUS 260	Business Communication	3	0	0	3	3
CIS 172	Introduction to the Internet	2	3	0	3	5
OST 141	Medical Terminology I	3	0	0	3	3
OST 148	Med. Coding, Billing, & Ins.	3	0	0	3	3
OST 236	Advanced Word Processing	2	2	0	<u>3</u>	<u>4</u>
					19	23

<u>Spring Semester</u>						
BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	3	4
CIS 169	Business Presentations	1	2	0	2	3
OST 142	Medical Terminology II	3	0	0	3	3
OST 241	Medical Office Transcription I	1	2	0	2	3
OST 243	Medical Office Simulation	2	2	0	<u>3</u>	<u>4</u>
					16	20

TOTAL HOURS

72-73 87-88

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212.

Nursing Assistant (C45480)

Certificate Program

Curriculum Description:

The Nursing Assistant curriculum prepares individuals to work under the supervision of licensed health care professionals in performing nursing care and services for persons of all ages.

Course work emphasizes growth and development throughout the life span, personal care, vital signs, communication, nutrition, medical asepsis, therapeutic activities, accident and fire safety, household environment and equipment management, family resources and services, and employment skills.

Graduates of this curriculum may be eligible to be listed on the registry as a Nursing Assistant I and Nursing Assistant II. They may be employed in home health agencies, hospitals, clinics, nursing homes, extended care facilities and doctors' offices.

NURSING ASSISTANT CERTIFICATE

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
NAS 101	Nursing Assistant I	3	2	3	5	8
NAS 102	Nursing Assistant II	3	2	6	6	11
NAS 103	Home Health Care	2	0	0	2	2
TOTAL HOURS:					13	21

The Nursing Assistant Certificate is offered both day and evening periodically throughout the year.

Office Systems Technology (A25360)

Associate in Applied Science

Curriculum Description:

The Office Systems Technology curriculum prepares individuals for positions in administrative support careers. It equips office professionals to respond to the demands of a dynamic, computerized workplace.

Students will complete courses designed to develop proficiency in the use of integrated software, oral and written communication, analysis and coordination of office duties and systems and other support topics. Emphasis is placed on non-technical as well as technical skills.

Graduates should qualify for employment in a variety of positions in business, government and industry. Job classifications range from entry-level to supervisor to middle management.

OFFICE SYSTEMS TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
MAT 140	Survey of Mathematics	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab	0	2	0	1	2
OST 122	Office Computations	1	2	0	2	3
OST 181	Introduction to Office Systems	2	2	0	3	4
OST 184	Records Management	1	2	0	2	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					14-15	19-20
<u>Spring Semester</u>						
BUS 115	Business Law I	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
OST 136	Word Processing	1	2	0	2	3
OST 164	Text Editing Applications	3	0	0	3	3
	Humanities Elective	3	0	0	3	3
<i>Select one of the following:</i>						
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					17	18
<u>Summer Semester</u>						
ACC 140	Payroll Accounting	1	2	0	2	3
CIS 152	Database Concepts & Apps	2	2	0	3	4
OST 223	Machine Transcription I	1	2	0	<u>2</u>	<u>3</u>
					7	10

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 115	College Accounting	3	2	0	4	5
BUS 260	Business Communication	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	3	4
CIS 172	Introduction to the Internet	2	3	0	3	5
OST 236	Advanced Word Processing	2	2	0	<u>3</u>	<u>4</u>
					16	21

Spring Semester

BUS 240	Business Ethics	3	0	0	3	3
CIS 169	Business Presentations	1	2	0	2	3
CIS 225	Integrated Software	1	2	0	2	3
COM 110	Introduction to Communication	3	0	0	3	3
OST 289	Office Systems Management	2	2	0	<u>3</u>	<u>4</u>
					13	16

TOTAL HOURS

67-68 84-85

See selection list for electives at the end of the semester by semester listing for Office Systems Technology.

OFFICE SYSTEMS TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ACC 120	Principles of Accounting I	3	2	0	4	5
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					7-8	9-10

Spring Semester

COM 110	Introduction to Communication	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					8	9

Summer Semester

ACC 140	Payroll Accounting	1	2	0	2	3
---------	--------------------	---	---	---	---	---

Fall Semester

BUS 260	Business Communication	3	0	0	3	3
OST 164	Text Editing Applications	3	0	0	<u>3</u>	<u>3</u>
					6	6

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	3	4
OST 181	Introduction to Office Systems	2	2	0	3	4
OST 184	Records Management	1	2	0	<u>2</u>	<u>3</u>
					11	14

Summer Semester

OST 223	Machine Transcription I	1	2	0	2	3
---------	-------------------------	---	---	---	---	---

Fall Semester

BUS 115	Business Law I	3	0	0	3	3
OST 122	Office Computations	1	2	0	2	3
MAT 140	Survey of Mathematics	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab	0	2	0	<u>1</u>	<u>2</u>
					9	11

Spring Semester

CIS 169	Business Presentations	1	2	0	2	3
OST 289	Office Systems Management	2	2	0	3	4
<i>Select one of the following:</i>						
PSY 150	General Psychology	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>	<u>3</u>
					8	10

Summer Semester

CIS 152	Database Concepts & Apps	2	2	0	3	4
---------	--------------------------	---	---	---	---	---

Fall Semester

CIS 172	Introduction to the Internet	2	3	0	3	5
OST 236	Advanced Word Processing	2	2	0	<u>3</u>	<u>4</u>
					6	7

Spring Semester

CIS 225	Integrated Software	1	2	0	2	3
	Humanities Elective	3	0	0	<u>3</u>	<u>3</u>
					5	6

TOTAL HOURS:

67-68 84-85

See selection list for electives at the end of the semester by semester listing for Office Systems Technology.

OFFICE SYSTEMS TECHNOLOGY DIPLOMA, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
OST 181	Introduction to Office Systems	2	2	0	3	4
OST 184	Records Management	1	2	0	2	3

Select one of the following:

CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					8-9	11-12

Spring Semester

ENG 111	Expository Writing	3	0	0	3	3
OST 136	Word Processing	1	2	0	2	3
OST 164	Text Editing Applications	3	0	0	<u>3</u>	<u>3</u>
					8	9

Summer Semester

ACC 140	Payroll Accounting	1	2	0	2	3
OST 223	Machine Transcription I	1	2	0	<u>2</u>	<u>3</u>
					4	6

Fall Semester

ACC 115	College Accounting	3	2	0	4	5
CIS 120	Spreadsheet I	2	2	0	3	4
CIS 172	Introduction to the Internet	2	3	0	3	5
OST 122	Office Computations	1	2	0	<u>2</u>	<u>3</u>
					12	17

Spring Semester

BUS 240	Business Ethics	3	0	0	3	3
COM 110	Introduction to Communication	3	0	0	<u>3</u>	<u>3</u>
					6	6

TOTAL HOURS

38-39 49-50

OFFICE SYSTEMS TECHNOLOGY DIPLOMA, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
ACC 120	Principles of Accounting I	3	2	0	4	5
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					7-8	9-10

<u>Spring Semester</u>						
COM 110	Introduction to Communication	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					8	9

<u>Summer Semester</u>						
ACC 140	Payroll Accounting	1	2	0	2	3

<u>Fall Semester</u>						
CIS 172	Introduction to the Internet	2	3	0	3	5
OST 122	Office Computations	1	2	0	2	3
OST 164	Text Editing Applications	3	0	0	<u>3</u>	<u>3</u>
					8	11

<u>Spring Semester</u>						
BUS 240	Business Ethics	3	0	0	3	3
CIS 120	Spreadsheet I	2	2	0	3	4
OST 181	Introduction to Office Systems	2	2	0	3	4
OST 184	Records Management	1	2	0	<u>2</u>	<u>3</u>
					11	14

<u>Summer Semester</u>						
OST 223	Machine Transcription I	1	2	0	2	3

TOTAL HOURS: 38-39 49-50

See advisor for courses offered every other year.

OFFICE SYSTEMS TECHNOLOGY CERTIFICATE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
OST 122	Office Computations	1	2	0	2	3
OST 181	Introduction to Office Systems	2	2	0	3	4
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					7-8	10-11
<u>Spring Semester</u>						
OST 136	Word Processing	1	2	0	2	3
OST 164	Text Editing Applications	3	0	0	<u>3</u>	<u>3</u>
					5	6
TOTAL HOURS					12-13	16-17

OFFICE SYSTEMS TECHNOLOGY CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
OST 122	Office Computations	1	2	0	2	3
OST 164	Text Editing Applications	3	0	0	3	3
<i>Select one of the following:</i>						
CIS 110	Introduction to Computers	2	2	0	3	4
CIS 111	Basic PC Literacy	1	2	0	<u>2</u>	<u>3</u>
					7-8	9-10
<u>Spring Semester</u>						
OST 136	Word Processing	1	2	0	2	3
OST 181	Introduction to Office Systems	2	2	0	<u>3</u>	<u>4</u>
					5	7
TOTAL HOURS					12-13	16-17

Humanities Electives: ART 111, ART 116, HUM 110, HUM 120, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 211, HUM 212, HUM 220, MUS 110, MUS 112, MUS 113, PHI 210, PHI 215, PHI 240, REL 110, REL 111, REL 112, REL 211, REL 212, REL 221, SPA 111, SPA 112, SPA 211, SPA 212.

Truck Driving Training (C60300)

Certificate Program

This program is offered through a collaborative agreement with Caldwell Community College and Technical Institute, Hudson, North Carolina

Curriculum Description:

The Truck Driving Training curriculum prepares individuals to drive tractor trailer rigs. This program teaches proper driving procedures, safe driver responsibility, commercial motor vehicle laws and regulations, and the basic principles and practices for operating commercial vehicles.

The course work includes motor vehicle laws and regulations, map reading, vehicle maintenance, safety procedures, daily logs, defensive driving, freight handling, security and fire protection. Highway driving training range exercises, and classroom lectures are used to develop the student's knowledge and skills.

Graduates of the curriculum are qualified to take the Commercial Driver's License exam and are employable by commercial trucking firms. They may also become owner-operators and work as private contract haulers.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
TRP 100	Truck Driver Training	6	18	0	12	24

(Refer to Caldwell Community College and Technical Institute catalog for course description.)

Note: Graduates from this program must have a reading score of 65 or better on the Computerized Placement Test or must have successfully completed RED 080 - Introduction to College Reading.

For more information, contact MCC Student Services.

Welding Technology (D50420)

Diploma Program

Curriculum Description:

The Welding Technology curriculum provides students with a sound understanding of the science, technology and application essential for successful employment in the welding and metals industry.

Instruction includes consumable and non-consumable electrode welding and cutting processes. Courses in math, blueprint reading, metallurgy, welding inspection and destructive and non-destructive testing provides the student with industry-standard skills developed through classroom training and practical application.

Successful graduates of the Welding Technology curriculum may be employed as entry level technicians in welding and metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision and welding-related self-employment.

WELDING DIPLOMA, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ENG 101	Applied Communications I	3	0	0	3	3
WLD 110	Cutting Processes	1	3	0	2	4
WLD 112	Basic Welding Processes	1	3	0	2	4
WLD 115	SMAW (Stick) Plate	2	9	0	5	11
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	<u>4</u>	<u>8</u>
					16	30
<u>Spring Semester</u>						
MAT 101	Applied Mathematics I	2	2	0	3	4
WLD 116	SMAW (Stick) Plate/Pipe	1	9	0	4	10
WLD 122	GMAW (MIG) Plate/Pipe	1	6	0	3	7
WLD 131	GTAW (TIG) Plate	2	6	0	<u>4</u>	<u>8</u>
					14	29
<u>Summer Semester</u>						
WLD 141	Symbols & Specifications	2	2	0	3	4
WLD 151	Fabrication I	2	6	0	<u>4</u>	<u>8</u>
					7	12
<u>Fall Semester</u>						
WLD 143	Welding Metallurgy	1	2	0	2	3
WLD 261	Certification Practices	1	3	0	<u>2</u>	<u>4</u>
					4	7
TOTAL HOURS:					41	78

WELDING **DIPLOMA, EVENING PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
WLD 112	Basic Welding Processes	1	3	0	2	4
WLD 115	SMAW (Stick) Plate	2	9	0	<u>5</u>	<u>11</u>
					7	15

<u>Spring Semester</u>						
WLD 110	Cutting Processes	1	3	0	2	4
WLD 116A	SMAW (Stick) Plate/Pipe A	1	3	0	2	4
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	<u>4</u>	<u>8</u>
					8	16

<u>Summer Semester</u>						
ENG 101	Applied Communications I	3	0	0	3	3
WLD 116B	SMAW (Stick) Plate/Pipe B	0	6	0	<u>2</u>	<u>6</u>
					5	9

<u>Fall Semester</u>						
WLD 122	GMAW (MIG) Plate/Pipe	1	6	0	3	7
WLD 131	GTAW (TIG) Plate	2	6	0	<u>4</u>	<u>8</u>
					7	15

<u>Spring Semester</u>						
MAT 101	Applied Mathematics I	2	2	0	3	4
WLD 143	Welding Metallurgy	1	2	0	2	3
WLD 151	Fabrication I	2	6	0	<u>4</u>	<u>8</u>
					9	15

<u>Summer Semester</u>						
WLD 141	Symbols & Specifications	2	2	0	3	4
WLD 261	Certification Practices	1	3	0	<u>2</u>	<u>4</u>
					5	8

TOTAL HOURS:					41	78
---------------------	--	--	--	--	-----------	-----------

WELDING
LEVEL I CERTIFICATE, DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
WLD 110	Cutting Processes	1	3	0	2	4
WLD 112	Basic Welding Processes	1	3	0	2	4
WLD 115	SMAW (Stick) Plate	2	9	0	5	11
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	4	8

TOTAL HOURS: **13 27**

WELDING
LEVEL I CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
WLD 112	Basic Welding Processes	1	3	0	2	4
WLD 115	SMAW (Stick) Plate	2	9	0	<u>5</u>	<u>11</u>
					7	15

<u>Spring Semester</u>						
WLD 110	Cutting Processes	1	3	0	2	4
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	<u>4</u>	<u>8</u>
					6	12

TOTAL HOURS: **13 27**

WELDING
LEVEL II CERTIFICATE, DAY PROGRAM

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
WLD 116	SMAW (Stick) Plate/Pipe	1	9	0	4	10
WLD 122	GMAW (MIG) Plate/Pipe	1	6	0	3	7
WLD 131	GTAW (TIG) Plate	2	6	0	<u>4</u>	<u>8</u>
					11	25

Summer Semester

WLD 141	Symbols & Specifications	2	2	0	3	4
---------	--------------------------	---	---	---	---	---

TOTAL HOURS: 14 29

WELDING
LEVEL II CERTIFICATE, EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
WLD 122	GMAW (MIG) Plate/Pipe	1	6	0	3	7
WLD 131	GTAW (TIG) Plate	2	6	0	<u>4</u>	<u>8</u>
					7	15

Spring Semester

WLD 116A	SMAW (Stick) Plate/Pipe A	1	3	0	2	4
----------	---------------------------	---	---	---	---	---

Summer Semester

WLD 116B	SMAW (Stick) Plate/Pipe B	0	6	0	2	6
WLD 141	Symbols & Specifications	2	2	0	<u>3</u>	<u>4</u>
					5	10

TOTAL HOURS: 14 29

Transfer Programs

Transfer programs are designed for Mayland's students 1) who plan to transfer to four-year institutions to continue their formal education for baccalaureate degrees or 2) who wish to earn associates degrees in curriculum majors not awarded at Mayland Community College, but through articulation agreements with other two-year colleges they can complete a significant number of credit hours at Mayland. Students interested in any transfer program listed in this section should discuss transferring to the other institutions with representatives of those institutions early in their studies at Mayland Community College. Furthermore, transfer students will work with their academic advisors at Mayland to plan their programs of study to meet the requirements of the colleges to which they plan to transfer. Entrance requirements for transfer students vary among two-year and senior institutions. The transfer of credits is a privilege granted by the institutions to which the students plan to transfer and all applicants and requests for transfer credits are evaluated individually. All students must complete courses at Mayland Community College with grades acceptable to the institutions to which they plan to transfer.

Transfer Programs are:

- Associate in Arts
- Associate in Arts Pre-Major, Birth to Kindergarten
- Associate in Arts Pre-Business Administration
- Associate in Arts Pre-Criminal Justice
- Associate in Arts Pre-Elementary Education
- Associate in General Education-
Business Administration Concentration:
Marketing and Retailing
- Associate in General Education-
Business Administration Concentration:
Operations Management
- Associate in General Education-
Forest Management Technology
- Associate in General Education-
Physical Therapy Assistant
- Associate in Science

Associate in Arts (A10100)

Curriculum Description:

The College Transfer Program is designed for the students who plan to transfer to four-year institutions to continue their formal education for Baccalaureate Degrees. The program of study includes a general education core of 44 semester hours credit distributed as follows:

- English Composition (6)
- Humanities/Fine Arts (12)
- Social/Behavioral Sciences (12)
- Natural Sciences/Mathematics (14)

Students who complete this core may be eligible to transfer to any of the state public four-year institutions and satisfy the general education requirements there. Students who complete the additional required hours (20-21) for the degree may be eligible to transfer and enter with junior class standing.

Students who are planning to transfer to a private college or out-of-state institution should consult with that institution for academic course selection guidance.

The students' faculty advisors should be consulted for a listing of the courses that will satisfy the degree requirements for transfer purposes.

ASSOCIATE IN ARTS - COLLEGE TRANSFER DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Introduction to Computers	2	2	0	3	4
COM 110	Intro. to Communication	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	<u>3</u>	<u>3</u>
					16	17
<u>Spring Semester</u>						
ENG 113	Literary-Based Research	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	3	3
	Other Required Hours Electives	7	0	0	<u>7</u>	<u>7</u>
					16	16

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
	Natural Science Elective	3	2-3	0	4	5-6
	Humanities/Fine Arts Elective	3	0	0	3	3
	OR					
	Literature Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	3	3
	Other Req. Hours Elec. (3 hrs.)	0-3	0-3	0	<u>3</u>	<u>1-3</u>
					17	17-20

Spring Semester

	Natural Science Elective	3	2-3	0	4	5-6
	Mathematics Elective	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	OR					
	Literature Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	
	OR					
	History Elective	3	0	0	3	3
	Other Req. Hours Elec. (3 hrs.)	0-3	0-3	0	<u>3</u>	<u>1-3</u>
					16	15-18

TOTAL HOURS:

65 64-70

ASSOCIATE IN ARTS - COLLEGE TRANSFER EVENING PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Introduction to Computers	2	2	0	3	4
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					7	8

Spring Semester

COM 110	Intro. to Communication	3	0	0	3	3
ENG 113	Literary-Based Research	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	<u>3</u>	<u>3</u>
					9	9

Summer Semester

	Humanities/Fine Arts Elective	3	0	0	3	3
--	-------------------------------	---	---	---	---	---

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
BIO 111	Biology I	3	3	0	4	6
	Literature Elective	3	0	0	3	3
	<i>OR</i>					
	Humanities/Fine Arts Elective	3	0	0	3	3
	History Elective	3	0	0	3	3
	<i>OR</i>					
	Social/Behavioral Sc. Elective	3	0	0	<u>3</u>	<u>3</u>
					10	12

Spring Semester

BIO 112	Biology II	3	3	0	4	6
	Literature Elective	3	0	0	3	3
	<i>OR</i>					
	Humanities/Fine Arts Elective	3	0	0	3	3
	History Elective	3	0	0	3	3
	<i>OR</i>					
	Social/Behavioral Sc. Elective	3	0	0	<u>3</u>	<u>3</u>
					10	12

Summer Semester

Other Req. Hours Elective	3	0	0	3	3
---------------------------	---	---	---	---	---

Fall Semester

MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
	Literature Elective	3	0	0	3	3
	<i>OR</i>					
	Humanities/Fine Arts Elective	3	0	0	3	3
	History Elective	3	0	0	3	3
	<i>OR</i>					
	Social/Behavioral Sc. Elective	3	0	0	<u>3</u>	<u>3</u>
					10	11

Spring Semester

Mathematics Elective	3	2	0	4	5
Other Req. Hours Electives	6	0	0	<u>6</u>	<u>6</u>
				10	11

Summer Semester

Other Req. Hours Elective	3	0	0	3	3
---------------------------	---	---	---	---	---

TOTAL HOURS: **65 72**

History Electives (3 SHC)

Students must take at least one history course. HIS 111, HIS 112, HIS 121, HIS 122, HIS 131, HIS 132

Humanities/Fine Arts Electives (9 SHC) Select **three** courses from at least **two** of the following discipline areas: art, drama, dance, foreign languages, interdisciplinary humanities, music, philosophy, and religion. ART 111, ART 116, DAN 110, DRA 111, HUM 110, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 220, MUS 110, MUS 113, PHI 210, PHI 240, REL 110, REL 211, REL 212, REL 221, SPA 111, SPA 112

Literature Electives (3 SHC)

Students must take at least one literature course. ENG 131, ENG 231, ENG 232, ENG 241, ENG 242

Mathematics Electives (3 SHC) MAT 151, MAT 162, MAT 165**Natural Science Electives (8 SHC)**

Select two courses, including accompanying laboratory work, from among the biological and physical science disciplines: AST 111, AST 111A, BIO 111, BIO 112, CHM 151, CHM 152, GEL 111, PHY 151, PHY 152

Social/Behavioral Science Electives (9 SHC) Select three courses from at least two of the following discipline areas: anthropology, economics, geography, history, political science, psychology, and sociology. ANT 221, ECO 151, ECO 251, ECO 252, GEO 111, GEO 112, GEO 130, POL 110, POL 120, POL 210, PSY 150, PSY 237, PSY 239, PSY 241, PSY 281, SOC 210, SOC 213, SOC 220, SOC 225

Other Required Hours Electives (14 SHC)

Select fourteen (14) semester hours credit from core classes not selected above or any of the following:

Humanities/Fine Arts: ART 117, ART 121, ART 131, ART 132, ART 240, ART 241, ART 261, DRA 122, DRA 126, ENG 125, ENG 126, ENG 233, ENG 243, ENG 251, ENG 252, ENG 261, ENG 262, ENG 272, ENG 273, ENG 274, HUM 120, HUM 211, HUM 212, MUS 112, PHI 215, REL 111, REL 112, SPA 141, SPA 211, SPA 212

Physical Education/Health: HEA 110, HEA 112, PED 110, PED 111, PED 113, PED 119, PED 120, PED 122, PED 125, PED 126, PED 128, PED 129, PED 130, PED 131, PED 142, PED 143, PED 145, PED 147, PED 148, PED 150, PED 152, PED 153, PED 170, PED 171, PED 177, PED 181, PED 182, PED 183, PED 184, PED 185, PED 189, PED 211

Speech/Communications: COM 120, COM 130, COM 231

Social/Behavioral Sciences: HIS 115, HIS 162, HIS 221, SOC 230

Natural Sciences/Mathematics: BIO 110, BIO 120, BIO 140, BIO 140A, BIO 165, BIO 166, BIO 175, BIO 275, CIS 115, MAT 140, MAT 140A, MAT 171, MAT 172, MAT 175, MAT 175A, MAT 263, MAT 271, MAT 272, MAT 273, PHY 251, PHY 252

SUMMARY:

Required: ACA 111, CIS 110, COM 110, ENG 111, ENG 113, MAT 161

TOTAL 16 SHC

Fine Arts 9 SHC

Mathematics 3 SHC

Natural Science 8 SHC

History 3 SHC

Literature 3 SHC

Social Behavioral Science 9 SHC

Other Required Hours 14 SHC

Total 65 SHC

Associate in Arts - Pre-Major, Birth to Kindergarten (A10100K)

Curriculum Description:

The College Transfer Program is designed for the students who plan to transfer to four-year institutions to continue their formal education for Baccalaureate Degrees. The program of study includes a general education core of 44 semester hours credit distributed as follows:

- English Composition (6)
- Humanities/Fine Arts (12)
- Social/Behavioral Sciences (12)
- Natural Sciences/Mathematics (14)

Students who complete this core may be eligible to transfer to any of the state public four-year institutions and satisfy the general education requirements there. Students who complete the additional required hours (20-21) for the degree may be eligible to transfer and enter with junior class standing.

Students who are planning to transfer to a private college or out-of-state institution should consult with that institution for academic course selection guidance.

The students' faculty advisors should be consulted for a listing of the courses that will satisfy the degree requirements for transfer purposes.

ASSOCIATE IN ARTS - PRE-MAJOR, BIRTH TO KINDERGARTEN DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Introduction to Computers	2	2	0	3	4
COM 110	Introduction to Communication	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	<u>3</u>	<u>3</u>
					16	17
<u>Spring Semester</u>						
ENG 113	Literary-Based Research	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	3	3
	Early Childhood Electives	8	0	0	<u>8</u>	<u>8</u>
					17	17

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
	Natural Science Elective	3	2-3	0	4	5-6
	Humanities/Fine Arts Elective	3	0	0	3	3
	OR					
	Literature Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	3	3
	Early Childhood Elective	3	0	0	<u>3</u>	<u>3</u>
					17	17-20

Spring Semester

	Natural Science Elective	3	2-3	0	4	5-6
	Mathematics Elective	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	OR					
	Literature Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	3	3
	Early Childhood Elective	3	0	0	<u>3</u>	<u>3</u>
					16	15-18

TOTAL HOURS **65 64-70**

Based on an agreement with Western Carolina University, eight additional credit hours will need to be completed prior to matriculation into the WCU Birth to Kindergarten program. A Certificate in General Occupational Technology will be awarded for these additional hours. See Early Childhood advisor for details.

History Electives (3 SHC)

Students must take at least one history course. HIS 111, HIS 112, HIS 121, HIS 122, HIS 131, HIS 132

Humanities/Fine Arts Electives (9 SHC) Select **three** courses from at least **two** of the following discipline areas: art, drama, dance, foreign languages, interdisciplinary humanities, music, philosophy, and religion. ART 111, ART 116, DAN 110, DRA 111, HUM 110, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 220, MUS 110, MUS 113, PHI 210, PHI 240, REL 110, REL 211, REL 212, REL 221, SPA 111, SPA 112

Literature Electives (3 SHC)

Students must take at least one literature course. ENG 131, ENG 231, ENG 232, ENG 241, ENG 242

Mathematics Electives (3 SHC) MAT 151, MAT 162, MAT 165

Natural Science Electives (8 SHC)

Select two courses, including accompanying laboratory work, from among the biological and physical science disciplines: AST 111, AST 111A, BIO 111, BIO 112, CHM 151, CHM 152, GEL 111, PHY 151, PHY 152

Social/Behaviorial Science Electives (9 SHC) Select **three** courses from at least **two** of the following discipline areas: anthropology, economics, geography, history, political science, psychology, and sociology. ANT 221, ECO 151, ECO 251, ECO 252, GEO 111, GEO 112, GEO 130, POL 110, POL 120, POL 210, PSY 150, PSY 237, PSY 239, PSY 241, PSY 281, SOC 210, SOC 213, SOC 220, SOC 225

Other Required Hours Electives (14 SHC)

Select fourteen (14) semester hours credit from core classes not selected above or any of the following:

Early Childhood Electives: EDU 111, EDU 112, EDU 119, EDU 131, EDU 144, EDU 145, EDU 146, EDU 221

Associate in Arts - Pre-Business Administration (A1010B)

Curriculum Description:

The College Transfer Program is designed for the students who plan to transfer to four-year institutions to continue their formal education for Baccalaureate Degrees. The program of study includes a general education core of 44 semester hours credit distributed as follows:

- English Composition (6)
- Humanities/Fine Arts (12)
- Social/Behavioral Sciences (12)
- Natural Sciences/Mathematics (14)

Students who complete this core may be eligible to transfer to any of the state public four-year institutions and satisfy the general education requirements there. Students who complete the additional required hours (20-21) for the degree may be eligible to transfer and enter with junior class standing.

Students who are planning to transfer to a private college or out-of-state institution should consult with that institution for academic course selection guidance.

The students' faculty advisors should be consulted for a listing of the courses that will satisfy the degree requirements for transfer purposes.

ASSOCIATE IN ARTS - PRE-BUSINESS ADMINISTRATION DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACC 120	Principles of Accounting I	3	2	0	4	5
CIS 110	Intro. to Computers	2	2	0	3	4
COM 110	Intro. to Communication	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
<i>Select one of the following:</i>						
MAT 161	College Algebra AND	3	0	0	3	3
MAT 161A	College Algebra Lab OR	0	2	0	1	2
MAT 171	Precalculus Algebra	3	0	0	<u>3</u>	<u>3</u>
					16-17	19-20
<u>Spring Semester</u>						
ACC 121	Principles of Accounting II	3	2	0	4	5
MAT 263	Brief Calculus	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
OR						
	History Elective	3	0	0	3	3
<i>Select one of the following:</i>						
ENG 112	Argument-Based Research	3	0	0	3	3
ENG 113	Literature Based Research	3	0	0	3	3
ENG 114	Professional Res. and Reporting	3	0	0	<u>3</u>	<u>3</u>
					16	17

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
BUS 228	Business Statistics	2	2	0	3	4

Fall Semester

ECO 251	Principles of Microeconomics I	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	OR					
	Literature Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	3	3
	Select one of the following:					
BIO 111	General Biology	3	3	0	4	6
PHY 151	College Physics I	3	2	0	<u>4</u>	<u>5</u>
					16	18

Spring Semester

ECO 252	Principles of Macroeconomics	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	OR					
	Literature Elective	3	0	0	3	3
	Social/Behavioral Sc. Elective	3	0	0	3	3
	OR					
	History Elective	3	0	0	3	3
	Select one of the following:					
BIO 112	General Biology II	3	3	0	4	6
PHY 152	College Physics II	3	2	0	<u>4</u>	<u>5</u>
					13	14-15

TOTAL HOURS: 65 72-73

*MAT 151 may be substituted for BUS 228.

NOTE: Social/Behavioral Sciences The following are recommended:

POL 120	American Government
PSY 150	General Psychology
SOC 210	Introduction to Sociology

Humanities/Fine Arts Elective (6 SHC) Select **three** courses from at least **two** of the following discipline areas: music, art, drama, dance, foreign language, interdisciplinary humanities, philosophy, and religion.

ART 111, ART 116, DAN 110, DRA 111, HUM 110, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 220, MUS 110, MUS 113, PHI 210, PHI 240, REL 110, REL 211, REL 212, REL 221, SPA 111, SPA 112.

Literature Elective (3 SHC) Students must take a literature course. ENG 131, ENG 231, ENG 232, ENG 241, ENG 242

Social/Behavioral Science Electives (9 SHC) Select **three** courses from at least **two** of the following discipline areas: anthropology, economics, geography, history, political science, psychology, and sociology. ANT 221, ECO 151, GEO 111, GEO 112, GEO 130, POL 110, POL 120, POL 210, PSY 150, PSY 237, PSY 239, PSY 241, PSY 281, SOC 210, SOC 213, SOC 220, SOC 225

History Elective (3 SHC) Students must take a history course. HIS 111, HIS 112, HIS 121, HIS 122, HIS 131, HIS 132

Natural Science (8 SHC) Select two courses, including accompanying laboratory work, from among the biological and physical science disciplines: AST 111, AST 111A, BIO 111, BIO 112, CHM 151, CHM 152, GEL 111, PHY 151, PHY 152

SUMMARY:

Required: ACC 120, ACC 121, CIS 110, COM 110, ECO 251, ECO 252, ENG 111, MAT 263, and ENG 112 or ENG 113 or ENG 114

TOTAL	30 SHC
Humanities/Fine Arts	6 SHC
Mathematics	3 SHC
Natural Science	8 SHC
History	3 SHC
Literature	3 SHC
Social Behavioral Science	9 SHC
Statistics	<u>3 SHC</u>
Total	65 SHC

Evening Program: See advisor for assistance.

Associate in Arts - Pre-Criminal Justice (A1010D)

Curriculum Description:

The College Transfer Program is designed for the students who plan to transfer to four-year institutions to continue their formal education for Baccalaureate Degrees. The program of study includes a general education core of 44 semester hours credit distributed as follows:

- English Composition (6)
- Humanities/Fine Arts (12)
- Social/Behavioral Sciences (12)
- Natural Sciences/Mathematics (14)

Students who complete this core may be eligible to transfer to any of the state public four-year institutions and satisfy the general education requirements there. Students who complete the additional required hours (20-21) for the degree may be eligible to transfer and enter with junior class standing.

Students who are planning to transfer to a private college or out-of-state institution should consult with that institution for academic course selection guidance.

The students' faculty advisors should be consulted for a listing of the courses that will satisfy the degree requirements for transfer purposes.

ASSOCIATE IN ARTS PRE-CRIMINAL JUSTICE DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Intro. to Computers	2	2	0	3	4
CJC 111	Intro. to Criminal Justice	3	0	0	3	3
ENG 111	Expository Writing	3	0	0	3	3
PSY 150	General Psychology	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	<u>3</u>	<u>3</u>
					16	17
<u>Spring Semester</u>						
CJC 141	Corrections	3	0	0	3	3
ENG 114	Professional Res. and Reporting	3	0	0	3	3
MAT 151	Statistics I	3	0	0	3	3
SOC 210	Intro. to Sociology	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
	Other Required Electives	2	0	0	<u>2</u>	<u>2</u>
					17	17

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
CJC 121	Law Enforcement Operations	3	0	0	3	3
BIO 111	General Biology I	3	3	0	4	6
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra I	0	2	0	1	2
POL 120	American Government	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	<u>3</u>	<u>3</u>
					17	20

<u>Spring Semester</u>						
BIO 112	General Biology II	3	3	0	4	6
COM 110	Intro. to Communications	3	0	0	3	3
	History Elective	3	0	0	3	3
	Literature Elective	3	0	0	3	3
	Other Required Electives	3	0	0	<u>3</u>	<u>3</u>
					16	18

TOTAL HOURS: 65 70

Humanities/Fine Arts Elective (9 SHC) Select **three** courses from at least **two** of the following discipline areas: music, art, drama, dance, foreign language, interdisciplinary humanities, philosophy, and religion. ART 111, ART 116, DAN 110, DRA 111, HUM 110, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 220, MUS 110, MUS 113, PHI 210, PHI 240, REL 110, REL 211, REL 212, SPA 111, SPA 112.

Literature Elective (3 SHC) **Students must take at least one literature course.** ENG 131, ENG 231, ENG 232, ENG 241, ENG 242,

History Elective (3 SHC) **Students must take at least one history course.** HIS 121, HIS 122, HIS 131, HIS 132

Natural Science Elective (8 SHC)
Natural Science (8 SHC) Select two courses, including accompanying laboratory work, from among the biological and physical science disciplines: AST 111, AST 111A, BIO 111, BIO 112, CHM 151, CHM 152, GEL 111, PHY 151, PHY 152.

Other Required Hours (5 SHC)
Select five (5) semester hours credit from core classes not selected above or any of the following sets:

Criminal Justice Courses (bilateral agreement): CJC 112, CJC 113, CJC 131, CJC 132, CJC 212, CJC 213, CJC 214, CJC 221, CJC 222, CJC 231, CJC 233

Humanities/Fine Arts & Social/Behaviorial Science Option: ART 117, ART 121, ART 131, ART 132, ART 240, ART 241, ART 261, DRA 122, DRA 126, ENG 125, ENG 126, ENG 233, ENG 243, ENG 251, ENG 252, ENG 261, ENG 262, ENG 272, ENG 273, ENG 274, HUM 120, HUM 211, HUM 212, MUS 112, PHI 215, REL 111, REL 112, SPA 141, SPA 211, SPA 212

Natural Sciences/Mathematics: BIO 110, BIO 120, BIO 140, B10 140A, BIO 165, BIO 166, BIO 175, BIO 275, CIS 115, MAT 140, MAT 140A, MAT 171, MAT 172, MAT 175, MAT 263, MAT 271, MAT 272, MAT 273, PHY 251, PHY 252

P.E. & Health/Communications/Social Science Option: COM 120, COM 130, COM 231, HEA 110, HEA 112, HIS 115, HIS 162, HIS 221, PED 110, PED 111, PED 113, PED 119, PED 120, PED 122, PED 125, PED 126, PED 128, PED 129, PED 130, PED 131, PED 142, PED 143, PED 145, PED 147, PED 148, PED 150, PED 152, PED 153, PED 170, PED 171, PED 177, PED 181, PED 182, PED 183, PED 184, PED 185, PED 189, PED 211, SOC 230

Evening Program: See advisor for assistance.

SUMMARY:

Required:	ACA 111, CIS 110, CJC 110, CJC 111, CJC 121, CJC 141, COM 110, ENG 111, ENG 114, POL 120, PSY 150, SOC 210
TOTAL	31 SHC
Humanities/Fine Arts	9 SHC
Mathematics	6 SHC
Natural Science	8 SHC
History	3 SHC
Literature	3 SHC
Other Required Electives	<u>5 SHC</u>
Total	65 SHC

Associate in Arts - Pre-Elementary Education (A1010P)

Curriculum Description:

The College Transfer Program is designed for the students who plan to transfer to four-year institutions to continue their formal education for Baccalaureate Degrees. The program of study includes a general education core of 44 semester hours credit distributed as follows:

- English Composition (6)
- Humanities/Fine Arts (12)
- Social/Behavioral Sciences (12)
- Natural Sciences/Mathematics (14)

Students who complete this core may be eligible to transfer to any of the state public four-year institutions and satisfy the general education requirements there. Students who complete the additional required hours (20-21) for the degree may be eligible to transfer and enter with junior class standing.

Students who are planning to transfer to a private college or out-of-state institution should consult with that institution for academic course selection guidance.

The students' faculty advisors should be consulted for a listing of the courses that will satisfy the degree requirements for transfer purposes.

ASSOCIATE IN ARTS - PRE-ELEMENTARY EDUCATION DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Introduction to Computers	2	2	0	3	4
ENG 111	Expository Writing	3	0	0	3	3
HIS 131	American History I	3	0	0	3	3
PSY 150	General Psychology	3	0	0	3	3
<i>Select one of the following:</i>						
ART 111	Art Appreciation	3	0	0	3	3
MUS 110	Music Appreciation	3	0	0	<u>3</u>	<u>3</u>
					16	17
<u>Spring Semester</u>						
COM 231	Public Speaking	3	0	0	3	3
ENG 113	Literary-Based Research	3	0	0	3	3
HIS 132	American History II	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	<u>3</u>	<u>3</u>
					15	15
<u>Summer Semester</u>						
	2 Other Required Electives	6	0	0	6	6

Fall Semester		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
PHY 151	College Physics I	3	2	0	4	5
	Literature Elective	3	0	0	3	3
<i>Select one of the following:</i>						
MAT 140	Survey of Mathematics <i>AND</i>	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab <i>OR</i>	0	2	0	1	2
MAT 161	College Algebra <i>AND</i>	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
<i>Select one of the following:</i>						
HIS 121	Western Civilization I	3	0	0	3	3
HIS 122	Western Civilization II	3	0	0	<u>3</u>	<u>3</u>
					14	16
Spring Semester						
BIO 111	Biology I	3	3	0	4	6
	Social/Behavioral Sc. Elective	3	0	0	3	3
	3 Other Required Electives	7	0	0	<u>7</u>	<u>7</u>
					14	16
TOTAL HOURS					65	70

ASSOCIATE IN ARTS - PRE-ELEMENTARY EDUCATION EVENING PROGRAM

Fall Semester		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
CIS 110	Introduction to Computers	2	2	0	3	4
ENG 111	Expository Writing	3	0	0	<u>3</u>	<u>3</u>
					7	8
Spring Semester						
ENG 113	Literary-Based Research	3	0	0	3	3
PSY 150	General Psychology	3	0	0	3	3
<i>Select one of the following:</i>						
ART 111	Art Appreciation	3	0	0	3	3
MUS 110	Music Appreciation	3	0	0	<u>3</u>	<u>3</u>
					9	9
Fall Semester						
BIO 111	Biology I	3	3	0	4	6
HIS 131	American History I	3	0	0	3	3
	Literature Elective	3	0	0	<u>3</u>	<u>3</u>
					10	12
Spring Semester						
HIS 132	American History II	3	0	0	3	3
SOC 210	Introduction to Sociology	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	<u>3</u>	<u>3</u>
					9	9

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
COM 231	Public Speaking	3	0	0	3	3
PHY 151	College Physics I	3	2	0	4	5
<i>Select one of the following:</i>						
HIS 121	Western Civilization I	3	0	0	3	3
HIS 122	Western Civilization II	3	0	0	<u>3</u>	<u>3</u>
					10	11

Spring Semester

3 Other Required Electives	7	0	0	7	7
----------------------------	---	---	---	---	---

Fall Semester

Other Required Elective	3	0	0	3	3
-------------------------	---	---	---	---	---

Select one of the following:

MAT 140	Survey of Mathematics AND	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab OR	0	2	0	1	2
MAT 161	College Algebra AND	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					7	8

Spring Semester

Social/Behavioral Sc. Elective	3	0	0	3	3
Other Required Elective	3	0	0	<u>3</u>	<u>3</u>
				6	6

TOTAL HOURS					65	70
--------------------	--	--	--	--	-----------	-----------

Humanities/Fine Arts Elective (9 SHC) Select **three** courses from at least **two** of the following discipline areas: music, art, drama, dance, foreign language, interdisciplinary humanities, philosophy, and religion. ART 111, ART 116, DAN 110, DRA 111, HUM 110, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 220, MUS 110, MUS 113, PHI 210, PHI 240, REL 110, REL 211, REL 212, SPA 111, SPA 112.

Literature Elective (3 SHC) Students must take at least one literature course. ENG 131, ENG 231, ENG 232, ENG 241, ENG 242,

History Elective (3 SHC) Students must take at least one history course. HIS 121, HIS 122, HIS 131, HIS 132

Natural Science Elective (8 SHC)

Natural Science (8 SHC) Select two courses, including accompanying laboratory work, from among the biological and physical science disciplines: AST 111, AST 111A, BIO 111, BIO 112, CHM 151, CHM 152, GEL 111, PHY 151, PHY 152.

Other Required Hours (5 SHC)

Select five (5) semester hours credit from core classes not selected above or any of the following sets:

Humanities/Fine Arts & Social/Behaviorial Science Option: ART 117, ART 121, ART 131, ART 132, ART 240, ART 241, ART 261, DRA 122, DRA 126, ENG 125, ENG 126, ENG 233, ENG 243, ENG 251, ENG 252, ENG 261, ENG 262, ENG 272, ENG 273, ENG 274, HUM 120, HUM 211, HUM 212, MUS 112, PHI 215, REL 111, REL 112, SPA 141, SPA 211, SPA 212

Natural Sciences/Mathematics: BIO 110, BIO 120, BIO 140, BIO 140A, BIO 165, BIO 166, BIO 175, BIO 275, CIS 115, MAT 140, MAT 140A, MAT 171, MAT 172, MAT 175, MAT 263, MAT 271, MAT 272, MAT 273, PHY 251, PHY 252

P.E. & Health/Communications/Social Science Option: COM 120, COM 130, COM 231, HEA 110, HEA 112, HIS 115, HIS 162, HIS 221, PED 110, PED 111, PED 113, PED 119, PED 120, PED 122, PED 125, PED 126, PED 128, PED 129, PED 130, PED 131, PED 142, PED 143, PED 145, PED 147, PED 148, PED 150, PED 152, PED 153, PED 170, PED 171, PED 177, PED 181, PED 182, PED 183, PED 184, PED 185, PED 189, PED 211, SOC 230

**Associate in General Education -
Business Administration
Concentration: Marketing and Retailing
(A10300M)**

*Articulation Agreement with Asheville-Buncombe
Technical Community College, Asheville, North Carolina*

Curriculum Description:

The Associate in General Education curriculum is designed for the academic enrichment of students who wish to broaden their education, with emphasis on personal interest, growth and development.

Course work includes study in the areas of humanities and fine arts, social and behavioral sciences, natural sciences and mathematics, and English composition. Opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and the basic use of computers will be provided.

Through these skills, students will have a sound base for lifelong learning. Graduates are prepared for advancements within their fields of interest and become better qualified for a wide range of employment opportunities.

**ASSOCIATE IN GENERAL EDUCATION -
BUSINESS ADMINISTRATION CONCENTRATION:
MARKETING AND RETAILING
DAY PROGRAM**

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
<i>(To be completed at MCC)</i>						
ACC 120	Principles of Accounting I	3	2	0	4	5
BUS 240	Business Ethics	3	0	0	3	3
CIS 110	Introduction to Computers	2	2	0	3	4
ENG 111	Expository Writing	3	0	0	3	3
MKT 120	Principles of Marketing	3	0	0	<u>3</u>	<u>3</u>
					16	18
<u>Spring Semester</u>						
<i>(To be completed at MCC)</i>						
*ACC 121	Principles of Accounting II	3	2	0	4	5
BUS 137	Principles of Management	3	0	0	3	3
ENG 114	Professional Research & Report.	3	0	0	3	3
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					16	19

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
<i>(To be completed at AB-Tech)</i>						
BUS 115	Business Law I	3	0	0	3	3
ECO 251	Principles of Microeconomics	3	0	0	3	3
MKT 122	Visual Merchandising	3	0	0	3	3
MKT 221	Consumer Behavior	3	0	0	<u>3</u>	<u>3</u>
					12	12

<u>Fall Semester</u>						
<i>(To be completed at AB-Tech)</i>						
BUS 110	Introduction to Business	3	0	0	3	3
BUS 135	Principles of Supervision	3	0	0	3	3
ECO 252	Principles of Macroeconomics	3	0	0	3	3
MKT 121	Retailing	3	0	0	3	3
MKT 123	Fundamentals of Selling	3	0	0	3	3
MKT 224	International Marketing	3	0	0	<u>3</u>	<u>3</u>
					18	18

<u>Spring Semester</u>						
<i>(To be completed at AB-Tech)</i>						
COM 231	Public Speaking	3	0	0	3	3
MKT 220	Advertising and Sales Promotion	3	0	0	3	3
MKT 225	Marketing Research	3	0	0	3	3
MKT 227	Marketing Applications	3	0	0	3	3
	Humanities Elective	3	0	0	<u>3</u>	<u>3</u>
					15	15

TOTAL HOURS: **77 82**

***ACC 121 will count as one of the related elective courses at AB-Tech.**

****Refer to AB-Tech catalog for list of related electives, humanities and course descriptions.**

Associate in General Education - Business Administration Concentration: Operations Management (A103000)

*Articulation Agreement with Asheville-Buncombe
Technical Community College, Asheville, North Carolina*

Curriculum Description:

The Associate in General Education curriculum is designed for the academic enrichment of students who wish to broaden their education, with emphasis on personal interest, growth and development.

Course work includes study in the areas of humanities and fine arts, social and behavioral sciences, natural sciences and mathematics, and English composition. Opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and the basic use of computers will be provided.

Through these skills, students will have a sound base for lifelong learning. Graduates are prepared for advancements within their fields of interest and become better qualified for a wide range of employment opportunities.

ASSOCIATE IN GENERAL EDUCATION - BUSINESS ADMINISTRATION CONCENTRATION: OPERATIONS MANAGEMENT DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
<i>(To be completed at MCC)</i>						
ACC 120	Principles of Accounting I	3	2	0	4	5
BUS 115	Business Law I	3	0	0	3	3
CIS 110	Introduction to Computers	2	2	0	3	4
ENG 111	Expository Writing	3	0	0	3	3
OST 136	Word Processing	1	2	0	<u>2</u>	<u>3</u>
					15	18

Spring Semester

(To be completed at MCC)

*ACC 121	Principles of Accounting II	3	2	0	4	5
BUS 137	Principles of Management	3	0	0	3	3
ENG 114	Professional Research & Report.	3	0	0	3	3
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
MKT 120	Principles of Marketing	3	0	0	<u>3</u>	<u>3</u>
					17	19

<u>Summer Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
<i>(To be completed at AB-Tech)</i>						
COM 231	Public Speaking	3	0	0	3	3
ISC 121	Environmental Health & Safety	3	0	0	3	3
ISC 131	Quality Management	3	0	0	3	3
	Related Elective	6	0	0	<u>6</u>	<u>6</u>
					15	15

Fall Semester

(To be completed at AB-Tech)

ECO 251	Principles of Microeconomics	3	0	0	3	3
ISC 210	Operations & Prod. Planning	3	0	0	3	3
ISC 221	Statistical Quality Control	3	0	0	3	3
	Related Electives	6	0	0	<u>6</u>	<u>6</u>
					15	15

Spring Semester

(To be completed at AB-Tech)

ECO 252	Principles of Macroeconomics	3	0	0	3	3
ISC 225	Facility Layout	3	2	0	4	5
OMT 112	Materials Management	3	0	0	3	3
OMT 260	Issues in Operations Mgt.	3	0	0	3	3
	Humanities Electives	3	0	0	<u>3</u>	<u>3</u>
					16	17

TOTAL HOURS:	77	84
---------------------	-----------	-----------

*ACC 121 will count as one of the related elective courses at AB-Tech.

**Refer to AB-Tech catalog for list of related electives, humanities and course descriptions.

Associate in General Education - Forest Management Technology (A10300F)

*Articulation Agreement with Haywood Community College,
Clyde, North Carolina*

Curriculum Description:

The Associate in General Education curriculum is designed for the academic enrichment of students who wish to broaden their education, with emphasis on personal interest, growth and development.

Course work includes study in the areas of humanities and fine arts, social and behavioral sciences, natural sciences and mathematics, and English composition. Opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and the basic use of computers will be provided.

Through these skills, students will have a sound base for lifelong learning. Graduates are prepared for advancements within their fields of interest and become better qualified for a wide range of employment opportunities.

ASSOCIATE IN GENERAL EDUCATION - FOREST MANAGEMENT TECHNOLOGY DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
<i>(To be completed at MCC)</i>						
CIS 111	Basic PC Literacy	1	2	0	2	3
ENG 111	Expository Writing	3	0	0	3	3
	Humanities/Fine Arts Elective	3	0	0	3	3
BIO 111	General Biology I	3	3	0	4	6
<i>Select one of the following:</i>						
MAT 115	Mathematical Models OR	2	2	0	3	4
MAT 140	Survey of Mathematics AND	3	0	0	3	3
MAT 140A	Survey of Mathematics Lab	0	2	0	<u>1</u>	<u>2</u>
					15-16	19-20

<u>Spring Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
<i>(To be completed at MCC)</i>						
*FOR 121	Dendrology	2	6	0	4	8
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	1	2
BIO 120	Introductory Botany	3	3	0	4	6
	Social/Behavioral Science Elec.	3	0	0	3	3
<i>Select one of the following:</i>						
ENG 114	Professional Research/Report.	3	0	0	3	3
COM 110	Introduction to Communication	3	0	0	<u>3</u>	<u>3</u>
					18	25

Summer Semester

(To be completed at Haywood)

FOR 173	Soils & Hydrology	2	3	0	3	5
FOR 232	Forest Mensuration	2	6	0	4	8
FOR 234	Forest Surveying	2	6	0	<u>4</u>	<u>8</u>
					11	21

Fall Semester

(To be completed at Haywood)

FOR 215	Introduction to GIS/GPS	1	4	0	3	5
FOR 225	Silvics & Silviculture	3	3	0	4	6
FOR 240	Forest Protection	2	3	0	3	5
FOR 171	Intro. to Forest Resources	3	0	0	3	3
FOR 296	Environmental Chemicals	0	3	0	<u>1</u>	<u>3</u>
					14	22

Spring Semester

(To be completed at Haywood)

FOR 211	Aerial Photo Interpretation	2	3	0	3	5
FOR 271	Forest Managment	2	3	0	3	5
FOR 282	Forest Recreation	2	3	0	3	5
WPP 220	Forest Production Marketing	1	3	0	2	4
FOR 131	Forest Measurements	2	3	0	3	5
FWL 142	Wildlife Management	2	3	0	3	5
WPP 230	Forest Equip. Operations	1	3	0	<u>2</u>	<u>4</u>
					19	33

TOTAL HOURS:

77-78 120-121

*FOR 121 Dendrology is a telecourse that must be taken through Haywood Community College.

**Refer to Haywood catalog for list of related electives, humanities and course descriptions.

Associate in General Education - Physical Therapy Assistant (A10300P)

Memorandum of Understanding with Caldwell Community College and Technical Institute, Hudson, North Carolina.

Curriculum Description:

The Associate in General Education curriculum is designed for the academic enrichment of students who wish to broaden their education, with emphasis on personal interest, growth and development.

Course work includes study in the areas of humanities and fine arts, social and behavioral sciences, natural sciences and mathematics, and English composition. Opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and the basic use of computers will be provided.

Through these skills, students will have a sound base for lifelong learning. Graduates are prepared for advancements within their fields of interest and become better qualified for a wide range of employment opportunities.

Students must meet the admission criteria of the Physical Therapy Assistant program at Caldwell Community College and Technical Institute prior to enrollment at CCC&TI.

ASSOCIATE IN GENERAL EDUCATION - PHYSICAL THERAPY ASSISTANT DAY PROGRAM

<u>Summer Semester</u> (To be completed at MCC)		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ACA 111	College Student Success	1	0	0	1	1
BIO 111	General Biology I	3	3	0	4	6
MAT 161	College Algebra	3	0	0	3	3
MAT 161A	College Algebra Lab	0	2	0	<u>1</u>	<u>2</u>
					9	12
<u>Fall Semester</u> (To be completed at MCC)						
BIO 165	Anatomy & Physiology I	3	3	0	4	6
CIS 111	Basic PC Literacy	1	2	0	2	3
ENG 111	Expository Writing	3	0	0	3	3
PHY 151	College Physics I	3	2	0	4	5
PSY 150	General Psychology	3	0	0	<u>3</u>	<u>3</u>
					16	20

<u>Spring Semester</u> <i>(To be completed at MCC)</i>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
BIO 166	Anatomy & Physiology II	3	3	0	4	6
COM 120	Interpersonal Communication	3	0	0	3	3
ENG 113	Literature-Based Research	3	0	0	3	3
PSY 241	Developmental Psychology	3	0	0	3	3
	Humanities Elective	3	0	0	<u>3</u>	<u>3</u>
					16	18

<u>Spring Semester</u> <i>(To be completed at CCC&TI)</i>						
PTA 110	Introduction to Phys. Therapy	2	3	0	3	5
PTA 125	Gross and Functional Anatomy	3	6	0	5	9
PTA 135	Pathology	4	0	0	<u>4</u>	<u>4</u>
					12	18

<u>Summer Semester</u> <i>(To be completed at CCC&TI)</i>						
PTA 145	Therapeutic Procedures	2	6	0	4	8
PTA 212	Health Care/Resources	2	0	0	2	2
PTA 222	Professional Interaction	2	0	0	<u>2</u>	<u>2</u>
					8	12

<u>Fall Semester</u> <i>(To be completed at CCC&TI)</i>						
PTA 165	PTA Clinical I	0	0	9	3	9
PTA 185	PTA Clinical II	0	0	9	3	9
PTA 215	Therapeutic Exercise	2	3	0	3	5
PTA 225	Introduction to Rehabilitation	3	3	0	<u>4</u>	<u>6</u>
					13	29

<u>Spring Semester</u> <i>(To be completed at CCC&TI)</i>						
PTA 235	Neurological Rehabilitation	3	6	0	5	9
PTA 245	PTA Clinical III	0	0	12	4	12
PTA 255	PTA Clinical IV	0	0	12	<u>4</u>	<u>12</u>
					13	33

TOTAL HOURS: **87 142**

Refer to the Caldwell Community College and Technical Institute Catalog for a list of humanities electives and course descriptions.

Associate in Science (A10400)

Curriculum Description:

The College Transfer Program is designed for the students who plan to transfer to four-year institutions to continue their formal education for Baccalaureate Degrees. The program of study includes a general education core of 44 semester hours credit distributed as follows:

- English Composition (6)
- Humanities/Fine Arts (12)
- Social/Behavioral Sciences (12)
- Natural Sciences/Mathematics (14)

Students who complete this core may be eligible to transfer to any of the state public four-year institutions and satisfy the general education requirements there. Students who complete the additional required hours (20-21) for the degree may be eligible to transfer and enter with junior class standing.

Students who are planning to transfer to a private college or out-of-state institution should consult with that institution for academic course selection guidance.

The students' faculty advisors should be consulted for a listing of the courses that will satisfy the degree requirements for transfer purposes.

ASSOCIATE IN SCIENCE DAY PROGRAM

<u>Fall Semester</u>		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
ENG 111	Expository Writing	3	0	0	3	3
COM 110	Intro. to Communication	3	0	0	3	3
CIS 110	Introduction to Computers	2	2	0	3	4
ACA 111	College Student Success	1	0	0	1	1
<i>Select one of the following:</i>						
MAT 171	Precalculus Algebra	3	0	0	3	3
MAT 175	Precalculus	4	0	0	4	4
MAT 175A	Precalculus Lab	0	2	0	1	2
	Social/Behavioral Sc. Elective	3	0	0	3	3
<i>OR</i>						
	History Elective	3	0	0	<u>3</u>	<u>3</u>
					16-18	17-19
<u>Spring Semester</u>						
ENG 113	Literature Based Research	3	0	0	3	3
	Humanities/Fine Arts Elective	6	0	0	6	6
	Social/Behavioral Sc. Elective	3	0	0	3	3
<i>OR</i>						
	History Elective	3	0	0	3	3
<i>Select one of the following:</i>						
MAT 151	Statistics I	3	0	0	3	3
MAT 172	Precalculus Trigonometry	3	0	0	3	3
MAT 271	Calculus I	3	2	0	<u>4</u>	<u>5</u>
					15-16	15-17

<u>Fall Semester</u>	<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>	<u>Hrs/Wk</u>
Natural Science Elective	3	2-3	0	4	5-6
Humanities/Fine Arts Elective	3	0	0	3	3
OR					
Literature Elective	3	0	0	3	3
Social/Behavioral Sc. Elective	3	0	0	3	3
OR					
History Elective	3	0	0	3	3
Other Required Electives	5-6	0	0	<u>7-8</u>	<u>7-8</u>
				17-18	17-18

Spring Semester

Natural Science Elective	3	2-3	0	4	5-6
Humanities/Fine Arts Elective	3	0	0	3	3
OR					
Literature Elective	3	0	0	3	3
Social/Behavioral Sc. Elective	3	0	0	3	3
OR					
History Elective	3	0	0	3	3
Other Required Electives	5-6	5-6	0	<u>7-8</u>	<u>10-12</u>
				17-18	21-24

TOTAL HOURS:

65 70-76

History Electives (3 SHC)

Students must take at least one history course. HIS 111, HIS 112, HIS 121, HIS 122, HIS 131, HIS 132

Humanities/Fine Arts Electives (9 SHC) Select **three** courses from at least **two** of the following discipline areas: art, drama, dance, foreign languages, interdisciplinary humanities, music, philosophy, and religion. ART 111, ART 116, DAN 110, DRA 111, HUM 110, HUM 121, HUM 122, HUM 130, HUM 150, HUM 160, HUM 220, MUS 110, MUS 113, PHI 210, PHI 240, REL 110, REL 211, REL 212, REL 221, SPA 111, SPA 112

Literature Electives (3 SHC)

Students must take at least one literature course. ENG 131, ENG 231, ENG 232, ENG 241, ENG 242

Natural Science Electives (8 SHC)

Select two courses, including accompanying laboratory work, from among the biological and physical science disciplines: BIO 111, BIO 112, CHM 151, CHM 152, PHY 151, PHY 152

Social/Behaviorial Science Electives (9 SHC) Select **three** courses from at least **two** of the following discipline areas: anthropology, economics, geography, history, political science, psychology, and sociology. ANT 221, ECO 151, ECO 251, ECO 252, GEO 111, GEO 112, POL 110, POL 120, POL 210, PSY 150, PSY 237, PSY 239, PSY 241, PSY 281, SOC 210, SOC 213, SOC 220, SOC 225

Other Required Hours Electives (14 SHC)

Select fourteen (14) semester hours credit from core classes not selected in the Natural Sciences area above and from the following: BIO 165, BIO 166, CIS 115, MAT 272, MAT 273, PHY 251, PHY 252

SUMMARY:

Required:	ACA 111, CIS 110, COM 110, ENG 111, ENG 113	
	TOTAL	13 SHC
	Humanities	9 SHC
	Mathematics	6 SHC
	Natural Science	8 SHC
	History	3 SHC
	Literature	3 SHC
	Social Behavioral Science	9 SHC
	Other Required Hours	<u>14 SHC</u>
	Total	65 SHC

A man with a beard and glasses is smiling at the camera while working on a circuit board. He is wearing a dark shirt and has his hands on the board. The background is a workshop or lab with various electronic equipment, including a soldering iron, a power supply, and a breadboard. The text "Course Descriptions" is overlaid in the top right corner.

Course Descriptions

COURSE DESCRIPTIONS

A **prerequisite course** must have been taken and passed before the course named. A **corequisite course** must be taken with the course named if it has not been previously taken and passed. Permission of the instructor may override prerequisites and/or corequisites.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ACA 111	College Student Success	1	0	0	1

Prerequisites:

Corequisites:

This course introduces the college's physical, academic, and social environment and promotes the personal development essential for success. Topics include campus facilities and resources; policies, procedures, and programs; study skills; and life management issues such as health, self-esteem, motivation, goal-setting, diversity, and communication. Upon completion, students should be able to function effectively within the college environment to meet their educational objectives.

ACC 115	College Accounting	3	2	0	4
----------------	---------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces basic accounting principles for a sole proprietorship. Topics include the complete accounting cycle with end-of-period statements, bank reconciliation, payrolls, and petty cash. Upon completion, students should be able to demonstrate an understanding of accounting principles and apply those skills to a business organization.

ACC 120	Principles of Accounting I	3	2	0	4
----------------	-----------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the basic principles and procedures of accounting. Emphasis is placed on collecting, summarizing, analyzing, and reporting financial information. Upon completion, students should be able to analyze data and prepare journal entries and reports as they relate to the accounting cycle.

ACC 121	Principles of Accounting II	3	2	0	4
----------------	------------------------------------	----------	----------	----------	----------

Prerequisites: ACC 120

Corequisites:

This course is a continuation of ACC 120. Emphasis is placed on corporate and managerial accounting for both external and internal reporting and decision making. Upon completion, students should be able to analyze and record corporate transactions, prepare financial statements and reports, and interpret them for management.

ACC 131	Federal Income Taxes	2	2	0	3
----------------	-----------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course provides an overview of federal income taxes for individuals, partnerships, and corporations. Emphasis is placed on the application of the Internal Revenue Code to preparation of tax returns for individuals, partnerships, and corporations. Upon completion, students should be able to complete federal tax returns for individuals, partnerships, and corporations.

ACC 140	Payroll Accounting	1	2	0	2
----------------	---------------------------	----------	----------	----------	----------

Prerequisites: ACC 120

Corequisites:

This course covers federal and state laws pertaining to wages, payroll taxes, payroll tax forms, and journal and general ledger transactions. Emphasis is placed on computing wages; calculating social security, income, and unemployment taxes; preparing appropriate payroll tax forms; and journalizing/posting transactions. Upon completion, students should be able to analyze data, make appropriate computations, complete forms, and prepare accounting entries.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ACC 220	Intermediate Accounting I	3	2	0	4
Prerequisites:	ACC 121				
Corequisites:					
This course is a continuation of the study of accounting principles with in-depth coverage of theoretical concepts and financial statements. Topics include generally accepted accounting principles and statements and extensive analyses of balance sheet components. Upon completion, students should be able to demonstrate competence in the conceptual framework underlying financial accounting, including the application of financial standards.					
ACC 221	Intermediate Accounting II	3	2	0	4
Prerequisites:	ACC 220				
Corequisites:					
This course is a continuation of ACC 220. Emphasis is placed on special problems which may include leases, bonds, investments, ratio analyses, present value applications, accounting changes, and corrections. Upon completion, students should be able to demonstrate an understanding of the principles involved and display an analytical problem-solving ability for the topics covered.					
ACC 225	Cost Accounting	3	0	0	3
Prerequisites:	ACC 121				
Corequisites:					
This course introduces the nature and purposes of cost accounting as an information system for planning and control. Topics include direct materials, direct labor, factory overhead, process, job order, and standard cost systems. Upon completion, students should be able to demonstrate an understanding of the principles involved and display an analytical problem-solving ability for the topics covered.					
ACC 293	Selected Topics in Accounting	2	2	0	3
Prerequisites:	ACC 121				
Corequisites:					
This course provides an opportunity to explore areas of current interest in specific program or discipline areas. Emphasis is placed on subject matter appropriate to the program or discipline. Upon completion, students should be able to demonstrate an understanding of the specific area of study. Refer to syllabus for specifics of the course.					
ANT 221	Comparative Cultures	3	0	0	3
Prerequisites:					
Corequisites:					
This course provides an ethnographic survey of societies around the world covering their distinctive cultural characteristics and how these relate to cultural change. Emphasis is placed on the similarities and differences in social institutions such as family, economics, politics, education, and religion. Upon completion, students should be able to demonstrate knowledge of a variety of cultural adaptive strategies. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
ART 111	Art Appreciation	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the origins and historical development of art. Emphasis is placed on the relationship of design principles to various art forms including but not limited to sculpture, painting, and architecture. Upon completion, students should be able to identify and analyze a variety of artistic styles, periods, and media. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ART 116	Survey of American Art	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course covers the development of American art forms from colonial times to the present. Emphasis is placed on architecture, painting, sculpture, graphics, and the decorative arts. Upon completion, students should be able to demonstrate understanding of the history of the American creative experience.					
ART 117	Non-Western Art History	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces non-Western cultural perspectives. Emphasis is placed on, but not limited to, African, Oriental, and Oceanic art forms throughout history. Upon completion, students should be able to demonstrate an historical understanding of art as a product reflective of non-Western social and cultural development. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ART 121	Design I	0	6	0	3
Prerequisites:					
Corequisites:					
This course introduces the elements and principles of design as applied to two-dimensional art. Emphasis is placed on the structural elements, the principles of visual organization, and the theories of color mixing and interaction. Upon completion, students should be able to understand and use critical and analytical approaches as they apply to two-dimensional visual art.					
ART 131	Drawing I	0	6	0	3
Prerequisites:					
Corequisites:					
This course introduces the language of drawing and the use of various drawing materials. Emphasis is placed on drawing techniques, media, and graphic principles. Upon completion, students should be able to demonstrate competence in the use of graphic form and various drawing processes.					
ART 132	Drawing II	0	6	0	3
Prerequisites: ART 131					
Corequisites:					
This course continues instruction in the language of drawing and the use of various materials. Emphasis is placed on experimentation in the use of drawing techniques, media, and graphic materials. Upon completion, students should be able to demonstrate increased competence in the expressive use of graphic form and techniques. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement pre-major and/or elective course requirement.</i>					
ART 240	Painting I	0	6	0	3
Prerequisites:					
Corequisites:					
This course introduces the language of painting and the use of various painting materials. Emphasis is placed on the understanding and use of various painting techniques, media, and color principles. Upon completion, students should be able to demonstrate competence in the use of creative processes directed toward the development of expressive form.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ART 241	Painting II	0	6	0	3
Prerequisites: ART 240					
Corequisites:					
This course provides a continuing investigation of the materials, processes, and techniques of painting. Emphasis is placed on the exploration of expressive content using a variety of creative processes. Upon completion, students should be able to demonstrate competence in the expanded use of form and variety.					
ART 260	Photography Appreciation	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces the origins and historical development of photography. Emphasis is placed on the study of composition and history of photography as an art form. Upon completion, students should be able to recognize and produce, using color transparencies, properly exposed, well-composed photographs.					
ART 261	Photography I	0	6	0	3
Prerequisites: RED 090					
Corequisites:					
This course introduces photographic equipment, theory, and processes. Emphasis is placed on camera operation, composition, darkroom technique, and creative expression. Upon completion, students should be able to successfully expose, develop, and print a well-conceived composition.					
AST 111	Descriptive Astronomy	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces an overall view of modern astronomy. Topics include an overview of the solar system, the sun, stars, galaxies, and the larger universe. Upon completion, students should be able to demonstrate an understanding of the universe around them. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
AST 111A	Descriptive Astronomy Lab	0	2	0	1
Prerequisites:					
Corequisites: AST 111					
The course is a laboratory to accompany AST 111. Emphasis is placed on laboratory experiences which enhance the materials presented in AST 111 and which provide practical experience. Upon completion, students should be able to demonstrate an understanding of the universe around them. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
AUB 111	Painting & Refinishing I	2	6	0	4
Prerequisites:					
Corequisites:					
This course introduces the proper procedures for using automotive refinishing equipment and materials in surface preparation and application. Topics include federal, state, and local regulations, personal safety, refinishing equipment and materials, surface preparation, masking, application techniques, and other related topics. Upon completion, students should be able to identify and use proper equipment and materials in refinishing following accepted industry standards.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
AUB 112	Painting & Refinishing II	2	6	0	4
Prerequisites: AUB 111					
Corequisites:					
This course covers advanced painting techniques and technologies with an emphasis on identifying problems encountered by the refinishing technician. Topics include materials application, color matching, correction of refinishing problems, and other related topics. Upon completion, students should be able to perform spot, panel, and overall refinishing repairs and identify and correct refinish problems.					
AUB 114	Special Finishes	1	2	0	2
Prerequisites: AUB 111					
Corequisites:					
This course introduces multistage finishes, custom painting, and protective coatings. Topics include base coats, advanced intermediate coats, clear coats, and other related topics. Upon completion, students should be able to identify and apply specialized finishes based on accepted industry standards.					
AUB 121	Non-Structural Damage I	1	4	0	3
Prerequisites:					
Corequisites:					
This course introduces safety, tools, and the basic fundamentals of body repair. Topics include shop safety, damage analysis, tools and equipment, repair techniques, materials selection, materials usage, and other related topics. Upon completion, students should be able to identify and repair minor direct and indirect damage including removal/repairing/ replacing of body panels to accepted standards.					
AUB 122	Non-Structural Damage II	2	6	0	4
Prerequisites: AUB 121					
Corequisites:					
This course covers safety, tools, and advanced body repair . Topics include shop safety, damage analysis, tools and equipment, advanced repair techniques, materials selection, materials usage, movable glass, and other related topics. Upon completion, students should be able to identify and repair or replace direct and indirect damage to accepted standards including movable glass and hardware.					
AUB 131	Structural Damage I	2	4	0	4
Prerequisites:					
Corequisites:					
This course introduces safety, equipment, structural damage analysis, and damage repairs. Topics include shop safety, design and construction, structural analysis and measurement, equipment, structural glass, repair techniques, and other related topics. Upon completion, students should be able to analyze and perform repairs to a vehicle which has received light/moderate structural damage.					
AUB 132	Structural Damage II	2	6	0	4
Prerequisites: AUB 131					
Corequisites:					
This course provides an in-depth study of structural damage analysis and repairs to vehicles that have received moderate to heavy structural damage. Topics include shop safety, structural analysis and measurement, equipment, structural glass, advanced repair techniques, structural component replacement and alignment, and other related topics. Upon completion, students should be able to analyze and perform repairs according to industry standards.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
AUB 134	Autobody MIG Welding	1	4	0	3
Prerequisites:					
Corequisites:					
This course covers the terms and procedures for welding the various metals found in today's autobody repair industry with an emphasis on personal/environmental safety. Topics include safety and precautionary measures, setup/operation of MIG equipment, metal identification methods, types of welds/joints, techniques, inspection methods, and other related topics. Upon completion, students should be able to demonstrate a basic knowledge of welding operations and safety procedures according to industry standards.					
AUB 136	Plastics & Adhesives	1	4	0	3
Prerequisites:					
Corequisites:					
This course covers safety, plastic and adhesive identification, and the various repair methods of automotive plastic components. Topics include safety, identification, preparation, material selection, and the various repair procedures including refinishing. Upon completion, students should be able to identify, remove, repair, and/or replace automotive plastic components in accordance with industry standards.					
AUB 144	Mechanical & Electrical Spec.	2	2	0	3
Prerequisites:					
Corequisites:					
This course concentrates on special automotive mechanical and electrical system operations and diagnostics. Topics include personal and environmental safety, suspension and steering, electrical, restraint, and air-conditioning systems. Upon completion, students should be able to identify system components and perform basic system diagnostic checks and/or repairs according to industry standards.					
AUB 150	Automotive Detailing	1	3	0	2
Prerequisites:					
Corequisites:					
This course covers the methods and procedures used in automotive detailing facilities. Topics include safety, engine, interior and trunk compartment detailing, buffing/polishing exterior surfaces, and cleaning and reconditioning exterior trim, fabrics, and surfaces. Upon completion, students should be able to improve the overall appearance of a vehicle.					
AUB 160	Body Shop Operations	1	0	0	1
Prerequisites:					
Corequisites:					
This course introduces the day-to-day operations of autobody repair facilities. Topics include work habits and ethics, customer relations, equipment types, materials cost and control, policies and procedures, shop safety and liabilities, and other related topics. Upon completion, students should be able to understand the general operating policies and procedures associated with an autobody repair facility.					
AUB 162	Autobody Estimating	1	2	0	2
Prerequisites:					
Corequisites:					
This course provides a comprehensive study of autobody estimating. Topics include collision damage analysis, industry regulations, flat-rate and estimated time, and collision estimating manuals. Upon completion, students should be able to prepare and interpret a damage report.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
BIO 110	Principles of Biology	3	3	0	4
Prerequisites:	RED 090				
Corequisites:					
This course provides a survey of fundamental biological principles for non-science majors. Emphasis is placed on basic chemistry, cell biology, metabolism, genetics, taxonomy, evolution, ecology, diversity, and other related topics. Upon completion, students should be able to demonstrate increased knowledge and better understanding of biology as it applies to everyday life. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
BIO 111	General Biology I	3	3	0	4
Prerequisites:	RED 090 and MAT 070				
Corequisites:					
This course introduces the principles and concepts of biology. Emphasis is placed on basic biological chemistry, cell structure and function, metabolism and energy transformation, genetics, evolution, classification, and other related topics. Upon completion, students should be able to demonstrate understanding of life at the molecular and cellular levels. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
BIO 112	General Biology II	3	3	0	4
Prerequisites:	BIO 111				
Corequisites:					
This course is a continuation of BIO 111. Emphasis is placed on organisms, biodiversity, plant and animal systems, ecology, and other related topics. Upon completion, students should be able to demonstrate comprehension of life at the organismal and ecological levels. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
BIO 120	Introductory Botany	3	3	0	4
Prerequisite:	BIO 110 or BIO 111				
Corequisite:					
This course provides an introduction to the classification, relationships, structure, and function of plants. Topics include reproduction and development of seed and non-seed plants, levels of organization, form and function of systems, and a survey of major taxa. Upon completion, students should be able to demonstrate comprehension of plant form and function, including selected taxa of both seed and non-seed plants. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
BIO 140	Environmental Biology	3	0	0	3
Prerequisites:	RED 090				
Corequisites:	BIO 140A				
This course introduces environmental processes and the influence of human activities upon them. Topics include ecological concepts, population growth, natural resources, and a focus on current environmental problems from scientific, social, political, and economic perspectives. Upon completion, students should be able to demonstrate an understanding of environmental interrelationships and of contemporary environmental issues. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
BIO 140A	Environmental Biology Lab	0	3	0	1
Prerequisites:					
Corequisites: BIO 140					
This course provides a laboratory component to complement BIO 140. Emphasis is placed on laboratory and field experience. Upon completion, students should be able to demonstrate a practical understanding of environmental interrelationships and of contemporary environmental issues. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
BIO 143	Field Biology Minicourse	1	2	0	2
Prerequisites: RED 090					
Corequisites:					
This course introduces the biological and physical components of a field environment. Emphasis is placed on a local field environment with extended field trips to other areas. Upon completion, students should be able to demonstrate an understanding of the biological and physical components of the specific biological environment. This course is specifically appropriate for those who teach children up to age 8.					
BIO 145	Ecology	3	3	0	4
Prerequisites: BIO 110 or BIO 111					
Corequisites:					
This course provides an introduction to ecological concepts using an ecosystems approach. Topics include energy flow, nutrient cycling, succession, population dynamics, community structure, and other related topics. Upon completion, students should be able to demonstrate comprehension of basic ecosystem structure and dynamics.					
BIO 163	Basic Anatomy & Physiology	4	2	0	5
Prerequisites: RED 090					
Corequisites:					
This course provides a basic study of the structure and function of the human body. Topics include a basic study of the body systems as well as an introduction to homeostasis, cells, tissues, nutrition, acid-base balance, and electrolytes. Upon completion, students should be able to demonstrate a basic understanding of the fundamental principles of anatomy and physiology and their interrelationships.					
BIO 165	Anatomy and Physiology I	3	3	0	4
Prerequisites: RED 090 & MAT 070 & BIO 111 or BIO 163 or BIO proficiency exam					
Corequisites:					
This course is the first of a two-course sequence which provides a comprehensive study of the anatomy and physiology of the human body. Topics include the structure, function, and interrelationship of organ systems with emphasis on the processes which maintain homeostasis. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships.					
BIO 166	Anatomy and Physiology II	3	3	0	4
Prerequisites: BIO 165					
Corequisites:					
This course is the second in a two-course sequence which provides a comprehensive study of the anatomy and physiology of the human body. Topics include the structure, function, and interrelationship of organ systems with emphasis on the processes which maintain homeostasis. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and the interrelationships of all body systems.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
BIO 175	General Microbiology	2	2	0	3
Prerequisites:	BIO 110, BIO 163, BIO 166, or BIO 169, & RED 090				
Corequisites:					
This course covers principles of microbiology with emphasis on microorganisms and human disease. Topics include an overview of microbiology and aspects of medical microbiology, identification and control of pathogens, disease transmission, host resistance, and immunity. Upon completion, students should be able to demonstrate knowledge of microorganisms and the disease process as well as aseptic and sterile techniques.					
BIO 224	Local Flora Spring	1	2	0	2
Prerequisites:					
Corequisites:					
This course provides an introduction to the identification of native plants. Emphasis is placed on spring wild flowers. Upon completion, students should be able to identify a variety of spring wild flowers and native plants.					
BIO 225	Local Flora Summer	1	2	0	2
Prerequisites:					
Corequisites:					
This course provides an introduction to the identification of native plants. Emphasis is placed on summer wild flowers. Upon completion, students should be able to identify a variety of summer wild flowers and native plants.					
BIO 226	Local Flora Fall	1	2	0	2
Prerequisites:					
Corequisites:					
This course provides an introduction to the identification of native plants. Emphasis is placed on fall wild flowers. Upon completion, students should be able to identify a variety of fall wild flowers and native plants.					
BIO 275	Microbiology	3	3	0	4
Prerequisites:	BIO 110, BIO 112, BIO 163, BIO 165, or BIO 168, & RED 090				
Corequisites:					
This course covers principles of microbiology and the impact these organisms have on man and the environment. Topics include the various groups of microorganisms, their structure, physiology, genetics, microbial pathogenicity, infectious diseases, immunology, and selected practical applications. Upon completion, students should be able to demonstrate knowledge and skills including microscopy, aseptic technique, staining, culture methods, and identification of microorganisms.					
BPR 111	Blueprint Reading	1	2	0	2
Prerequisites:					
Corequisites :					
This course introduces the basic principles of blueprint reading. Topics include line types, orthographic projections, dimensioning methods, and notes. Upon completion, students should be able to interpret basic blueprints and visualize the features of a part.					
BUS 115	Business Law I	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces the ethics and legal framework of business. Emphasis is placed on contracts, negotiable instruments, Uniform Commercial Code, and the working of the court systems. Upon completion, students should be able to apply ethical issues and laws covered to selected business decision-making situations.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
BUS 137	Principles of Management	3	0	0	3
Prerequisites:					
Corequisites:					
This course is designed to be an overview of the major functions of management. Emphasis is placed on planning, organizing, controlling, directing, and communicating. Upon completion, students should be able to work as contributing members of a team utilizing these functions of management.					
BUS 225	Business Finance	2	2	0	3
Prerequisites: ACC 120					
Corequisites:					
This course provides an overview of business financial management. Emphasis is placed on financial statement analysis, time value of money, management of cash flow, risk and return, and sources of financing. Upon completion, students should be able to interpret and apply the principles of financial management.					
BUS 228	Business Statistics	2	2	0	3
Prerequisites: MAT 115 or MAT 161					
Corequisites:					
This course introduces the use of statistical methods and tools in evaluating research data for business applications. Emphasis is placed on basic probability, measures of spread and dispersion, central tendency, sampling, regression analysis, and inductive inference. Upon completion, students should be able to apply statistical problem solving to business.					
BUS 230	Small Business Management	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces the challenges of entrepreneurship including the startup and operation of a small business. Topics include market research techniques, feasibility studies, site analysis, financing alternatives, and managerial decision making. Upon completion, students should be able to develop a small business plan.					
BUS 239	Business Applications Seminar	1	2	0	2
Prerequisites: ACC 120, BUS 115, BUS 137, MKT 120, and either ECO 151, 251 or 252					
Corequisites:					
This course is designed as a capstone course for Business Administration majors. Emphasis is placed on decision making in the areas of management, marketing, production, purchasing, and finance. Upon completion, students should be able to apply the techniques, processes, and vital professional skills needed in the work place.					
BUS 240	Business Ethics	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces contemporary and controversial ethical issues that face the business community. Topics include moral reasoning, moral dilemmas, law and morality, equity, justice and fairness, ethical standards, and moral development. Upon completion, students should be able to demonstrate an understanding of their moral responsibilities and obligations as members of the workforce and society.					
BUS 253	Leadership and Mgt Skills	3	0	0	3
Prerequisites:					
Corequisites:					
This course includes a study of the qualities, behaviors, and personal styles exhibited by leaders. Emphasis is placed on coaching, counseling, team building, and employee involvement. Upon completion, students should be able to identify and exhibit the behaviors needed for organizational effectiveness.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
BUS 260	Business Communication	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course is designed to develop skills in writing business communications. Emphasis is placed on business reports, correspondence, and professional presentations. Upon completion, students should be able to communicate effectively in the work place.					
CHM 151	General Chemistry I	3	3	0	4
Prerequisites: RED 090					
Corequisites:					
This course covers fundamental principles and laws of chemistry. Topics include measurement, atomic and molecular structure, periodicity, chemical reactions, chemical bonding, stoichiometry, thermochemistry, gas laws, and solutions. Upon completion, students should be able to demonstrate an understanding of fundamental chemical laws and concepts as needed in CHM 152. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
CHM 152	General Chemistry II	3	3	0	4
Prerequisites: CHM 151					
Corequisites:					
This course provides a continuation of the study of the fundamental principles and laws of chemistry. Topics include kinetics, equilibrium, ionic and redox equations, acid-base theory, electrochemistry, thermodynamics, introduction to nuclear and organic chemistry, and complex ions. Upon completion, students should be able to demonstrate an understanding of chemical concepts as needed to pursue further study in chemistry and related professional fields. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
CIS 110	Introduction to Computers	2	2	0	3
Prerequisites:					
Corequisites:					
This course provides an introduction to computers and computing. Topics include the impact of computers on society, ethical issues, and hardware/software applications, including spreadsheets, databases, word processors, graphics, the Internet, and operating systems. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems.					
CIS 111	Basic PC Literacy	1	2	0	2
Prerequisites:					
Corequisites:					
This course provides a brief overview of computer concepts. Emphasis is placed on the use of personal computers and software applications for personal and workplace use. Upon completion, students should be able to demonstrate basic personal computer skills.					
CIS 115	Intro. to Programming & Logic	2	2	0	3
Prerequisites: MAT 070					
Corequisites:					
This course introduces computer programming and problem solving in a programming environment, including an introduction to operating systems, text editor, and a language translator. Topics include language syntax, data types, program organization, problem-solving methods, algorithm design, and logic control structures. Upon completion, students should be able to manage files with operating system commands, use top-down algorithm design, and implement algorithmic solutions in a programming language.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
CIS 120	Spreadsheet I	2	2	0	3
Prerequisites:	CIS 110 or CIS 111 or OST 137				
Corequisites:					
This course introduces basic spreadsheet design and development. Topics include writing formulas, using functions, enhancing spreadsheets, creating charts, and printing. Upon completion, students should be able to design and print basic spreadsheets and charts.					
CIS 130	Survey of Operating System	2	3	0	3
Prerequisites:	CIS 110				
Corequisites:					
The course covers operating system concepts which are necessary for maintaining and using computer systems. Topics include disk, file, and directory structures; installation and setup; resource allocation, optimization, and configuration; system security; and other related topics. Upon completion, students should be able to install and configure operating systems and optimize performance.					
CIS 147	Operating System - Windows	2	2	0	3
Prerequisites:	CIS 130 or Permission of the Instructor				
Corequisites:					
This course introduces operating systems concepts for a Windows operating system. Topics include hardware management, file and memory management, system configuration/ optimization, and utilities. Upon completion, students should be able to perform operating system functions at the support level in a Windows environment.					
CIS 152	Database Concepts & Apps.	2	2	0	3
Prerequisites:	CIS 110 or CIS 111 or CIS 115				
Corequisites:					
This course introduces database design and creation using a DBMS product. Topics include database terminology, usage in industry, design theory, types of DBMS models, and creation of simple tables, queries, reports, and forms. Upon completion, students should be able to create simple database tables, queries, reports, and forms which follow acceptable design practices.					
CIS 153	Database Applications	2	2	0	3
Prerequisites:	CIS 152				
Corequisites:					
This course covers advanced database functions continued from CIS 152. Topics include manipulating multiple tables, advanced queries, screens and reports, linking, and command files. Upon completion, students should be able to create multiple table systems that demonstrate updates, screens, and reports representative of industry requirements.					
CIS 169	Business Presentations	1	2	0	2
Prerequisites:	CIS 110 or CIS 111				
Corequisites:					
This course provides hands-on experience with a graphics presentation package. Topics include terminology, effective chart usage, design and layout, integrating hardware components, and enhancing presentations with text and graphics. Upon completion, students should be able to design and demonstrate an effective presentation.					
CIS 172	Intro to the Internet	2	3	0	3
Prerequisites:					
Corequisites:					
This course introduces the various navigational tools and services of the Internet. Topics include using Internet protocols, search engines, file compression/decompression, FTP, e-mail, listservers, and other related topics. Upon completion, students should be able to use Internet resources, retrieve/decompress files, and use e-mail, FTP, and other Internet tools.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
CIS 175	Network Management I	2	2	0	3
Prerequisites:	NET 110 or Permission of the Instructor				
Corequisites:					
This course covers fundamental network administration and system management. Topics include accessing and configuring basic network services, managing directory services, and using network management software. Upon completion, students should be able to apply system administrator skills in developing a network management strategy.					
CIS 215	Hardware Install/Maintenance	2	3	0	3
Prerequisites:	CIS 110 or CIS 111 or CIS 115				
Corequisites:					
This course covers the basic hardware of a personal computer, including operations and interactions with software. Topics include component identification, the memory system, peripheral installation and configuration, preventive maintenance, and diagnostics and repair. Upon completion, students should be able to select appropriate computer equipment, upgrade and maintain existing equipment, and troubleshoot and repair non-functioning personal computers.					
CIS 216	Software Install/Maintenance	1	2	0	2
Prerequisites:	CIS 130				
Corequisites:					
This course introduces the installation and troubleshooting aspects of personal computer software. Emphasis is placed on initial installation and optimization of system software, commercial programs, system configuration files, and device drivers. Upon completion, students should be able to install, upgrade, uninstall, optimize, and troubleshoot personal computer software.					
CIS 225	Integrated Software	1	2	0	2
Prerequisites:	CIS 120 and CIS 152 and OST 136				
Corequisites:					
This course provides strategies to perform data transfer among software programs. Emphasis is placed on data interchange among word processors, spreadsheets, presentation graphics, databases, and communications products. Upon completion, students should be able to integrate data to produce documents using multiple technologies.					
CJC 100	Basic Law Enf. Training 2000	9	27	0	18
Prerequisites:					
Corequisites:					
This course covers the basic skills and knowledge needed for entry-level employment as a law enforcement officer in North Carolina. Topics are divided into general units of study: legal, patrol duties, law enforcement communications, investigations, practical application and sheriff-specific. Upon completion, the student will be able to demonstrate competence in topics and areas required for the state comprehensive certification examination. <i>This is a certificate-level course.</i>					
CJC 111	Introduction to Criminal Justice	3	0	0	3
Prerequisites:	RED 080				
Corequisites:					
This course introduces the components and processes of the criminal justice system. Topics include history, structure, functions, and philosophy of the criminal justice system and their relationship to life in our society. Upon completion, students should be able to define and describe the major system components and their interrelationships and evaluate career options.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
CJC 112	Criminology	3	0	0	3
Prerequisites:	RED 080				
Corequisites:					
This course introduces deviant behavior as it relates to criminal activity. Topics include theories of crime causation; statistical analysis of criminal behavior; past, present, and future social control initiatives; and other related topics. Upon completion, students should be able to explain and discuss various theories of crime causation and societal response.					
CJC 113	Juvenile Justice	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course covers the juvenile justice system and related juvenile issues. Topics include an overview of the juvenile justice system, treatment and prevention programs, special areas and laws unique to juveniles, and other related topics. Upon completion, students should be able to identify/discuss juvenile court structure/procedures, function and jurisdiction of juvenile agencies, processing/detention of juveniles, and case disposition.					
CJC 120	Interviews/Interrogations	1	2	0	2
Prerequisites:	RED 090				
Corequisites:					
This course covers basic and special techniques employed in criminal justice interviews and interrogations. Emphasis is placed on the interview/interrogation process, including interpretation of verbal and physical behavior and legal perspectives. Upon completion, students should be able to conduct interviews/interrogations in a legal, efficient, and professional manner and obtain the truth from suspects, witnesses, and victims.					
CJC 121	Law Enforcement Operations	3	0	0	3
Prerequisite:	RED 090				
Corequisite:					
This course introduces fundamental law enforcement operations. Topics include the contemporary evolution of law enforcement operations and related issues. Upon completion, students should be able to explain theories, practices, and issues related to law enforcement operations. This course has been approved for transfer through the Comprehensive Articulation Agreement.					
CJC 131	Criminal Law	3	0	0	3
Prerequisites:	RED 080				
Corequisites:					
This course covers the history/evolution/principles and contemporary applications of criminal law. Topics include sources of substantive law, classification of crimes, parties to crime, elements of crimes, matters of criminal responsibility, and other related topics. Upon completion, students should be able to discuss the sources of law and identify, interpret, and apply the appropriate statutes/elements.					
CJC 132	Court Procedure & Evidence	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course covers judicial structure/process/procedure from incident to disposition, kinds and degrees of evidence, and the rules governing admissibility of evidence in court. Topics include consideration of state and federal courts, arrest, search and seizure laws, exclusionary and statutory rules of evidence, and other related issues. Upon completion, students should be able to identify and discuss procedures necessary to establish a lawful arrest/search, proper judicial procedures, and the admissibility of evidence.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
CJC 141	Corrections	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course covers the history, major philosophies, components, and current practices and problems of the field of corrections. Topics include historical evolution, functions of the various components, alternatives to incarceration, treatment programs, inmate control, and other related topics. Upon completion, students should be able to explain the various components, processes, and functions of the correctional system.					
CJC 212	Ethics & Community Relations	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course covers ethical considerations and accepted standards applicable to criminal justice organizations and professionals. Topics include ethical systems; social change, values, and norms; cultural diversity; citizen involvement in criminal justice issues; and other related topics. Upon completion, students should be able to apply ethical considerations to the decision-making process in identifiable criminal justice situations.					
CJC 213	Substance Abuse	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course is a study of substance abuse in our society. Topics include the history and classifications of drug abuse and the social, physical, and psychological impact of drug abuse. Upon completion, students should be able to identify various types of drugs, their effects on human behavior and society, and treatment modalities.					
CJC 214	Victimology	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course introduces the study of victims. Emphasis is placed on roles/characteristics of victims, victim interaction with the criminal justice system and society, current victim assistance programs, and other related topics. Upon completion, students should be able to discuss and identify victims, the uniqueness of victims' roles, and current victim assistance programs.					
CJC 221	Investigative Principles	3	2	0	4
Prerequisites: RED 090					
Corequisites:					
This course introduces the theories and fundamentals of the investigative process. Topics include crime scene/incident processing, information gathering techniques, collection/preservation of evidence, preparation of appropriate reports, court presentations, and other related topics. Upon completion, students should be able to identify, explain, and demonstrate the techniques of the investigative process, report preparation, and courtroom presentation.					
CJC 222	Criminalistics	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course covers the functions of the forensic laboratory and its relationship to successful criminal investigations and prosecutions. Topics include advanced crime scene processing, investigative techniques, current forensic technologies, and other related topics. Upon completion, students should be able to identify and collect relevant evidence at simulated crime scenes and request appropriate laboratory analysis of submitted evidence.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
CJC 225	Crisis Intervention	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course introduces critical incident intervention and management techniques as they apply to operational criminal justice practitioners. Emphasis is placed on the victim/offender situation as well as job-related high stress, dangerous, or problem-solving citizen contacts. Upon completion, students should be able to provide insightful analysis of emotional, violent, drug-induced, and other critical and/or stressful incidents that require field analysis and/or resolution.					
CJC 231	Constitutional Law	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
The course covers the impact of the Constitution of the United States and its amendments on the criminal justice system. Topics include the structure of the Constitution and its amendments, court decisions pertinent to contemporary criminal justice issues, and other related topics. Upon completion, students should be able to identify/discuss the basic structure of the United States Constitution and the rights/procedures as interpreted by the courts.					
CJC 233	Correctional Law	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course introduces statutory/case law pertinent to correctional concepts, facilities, and related practices. Topics include examination of major legal issues encompassing incarceration, probation, parole, restitution, pardon, restoration of rights, and other related topics. Upon completion, students should be able to identify/discuss legal issues which directly affect correctional systems and personnel.					
CJC 240	Law Enforcement Mgt. & Sup.	3	0	0	3
Prerequisites: BUS 253, RED 090					
Corequisites:					
This course provides a study of the best known methods and practices of police leadership and management. Topics include the role of the manager in law enforcement, communications, time-management in law enforcement, managing problems, training and law enforcement productivity. Upon completion, students should be able to identify and discuss methods and practices capable of moving law enforcement agencies forward into the twenty-first century.					
CJC 241	Community-Based Corrections	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course covers programs for convicted offenders that are used both as alternatives to incarceration and in post-incarceration situations. Topics include offenders, diversion, house arrest, restitution, community service, probation and parole, including both public and private participation, and other related topics. Upon completion, students should be able to identify/discuss the various programs from the perspective of the criminal justice professional, the offender, and the community.					
COE 111	Co-op Work Experience I	0	0	10	1
Prerequisites:					
Corequisites:					
This course provides work experience with a college-approved employer in an area related to the student's program of study. Emphasis is placed on integrating classroom learning with related work experience. Upon completion, students should be able to evaluate career selection, demonstrate employability skills, and satisfactorily perform work-related competencies.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
COE 112	Co-op Work Experience I	0	0	20	2

Prerequisites:

Corequisites:

This course provides work experience with a college approved employer in an area related to the student's program of study. Emphasis is placed on integrating classroom learning with related work experience. Upon completion, students should be able to evaluate career selection, demonstrate employability skills, and satisfactorily perform work-related competencies.

COE 115	Work Experience Seminar I	1	0	0	1
----------------	----------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites: COE 111 or COE 112 or COE 113

This course provides an opportunity to discuss hands-on experiences in COE 111 with peers and faculty. Emphasis is placed on evaluating and integrating practicum experiences. Upon completion, students should be able to demonstrate competence in planning and presenting learning experiences for young children. This course is intended for Early Childhood Associate students.

COE 121	Co-op Work Experience II	0	0	10	1
----------------	---------------------------------	----------	----------	-----------	----------

Prerequisites:

Corequisites:

This course provides work experience with a college-approved employer in an area related to the student's program of study. Emphasis is placed on integrating classroom learning with related work experience. Upon completion, students should be able to evaluate career selection, demonstrate employability skills, and satisfactorily perform work-related competencies.

COE 125	Work Experience Seminar II	1	0	0	1
----------------	-----------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites: COE 121

This course provides an opportunity to discuss the application of skills demonstrated in COE 121. Emphasis is placed on practical, hands-on experience in a developmentally appropriate early childhood environment. Upon completion, students should be able to demonstrate competence in planning, presenting, and evaluating learning experiences for young children. This course is intended for Early Childhood Associate students.

COE 131	Co-op Work Experience III	0	0	10	1
----------------	----------------------------------	----------	----------	-----------	----------

Prerequisites:

Corequisites:

This course provides work experience with a college-approved employer in an area related to the student's program of study. Emphasis is placed on integrating classroom learning with related work experience. Upon completion, students should be able to evaluate career selection, demonstrate employability skills, and satisfactorily perform work-related competencies.

COE 135	Work Experience Seminar III	1	0	0	1
----------------	------------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites: COE 131

This course provides an opportunity to discuss the application of skills acquired through classroom learning and demonstrated in COE 131. Emphasis is placed on evaluating and integrating developmentally appropriate practices for young children. Upon completion, students should be able to demonstrate competence in early childhood education. This course is intended for Early Childhood Associate students.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
COM 110	Introduction to Communication	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides an overview of the basic concepts of communication and the skills necessary to communicate in various contexts. Emphasis is placed on communication theories and techniques used in interpersonal group, public, intercultural, and mass communication situations. Upon completion, students should be able to explain and illustrate the forms and purposes of human communication in a variety of contexts. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in speech/communication.</i>					
COM 120	Interpersonal Communication	3	0	0	3
Prerequisites:	ACA 111 and COM 110				
Corequisites:					
This course introduces the practices and principles of interpersonal communication in both dyadic and group settings. Emphasis is placed on the communication process, perception, listening, self-disclosure, speech apprehension, ethics, nonverbal communication, conflict, power, and dysfunctional communication relationships. Upon completion, students should be able to demonstrate interpersonal communication skills, apply basic principles of group discussion, and manage conflict in interpersonal communication situations. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in speech/communication.</i>					
COM 130	Nonverbal Communication	3	0	0	3
Prerequisites:	COM 120				
Corequisites:					
This course introduces the contemporary study of nonverbal communication in daily life. Topics include haptics, kinesics, proxemics, facial displays, and appearance. Upon completion, students should be able to analyze/interpret nonverbal communication and demonstrate greater awareness of their own nonverbal communication habits.					
COM 231	Public Speaking	3	0	0	3
Prerequisites:	ACA 111 and COM 110				
Corequisites:					
This course provides instruction and experience in preparation and delivery of speeches within a public setting and group discussion. Emphasis is placed on research, preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Upon completion, students should be able to prepare and deliver well-organized speeches and participate in group discussion with appropriate audiovisual support. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in speech/communication.</i>					
COS 111	Cosmetology Concepts I	4	0	0	4
Prerequisites:					
Corequisites:	COS 112				
This course introduces basic cosmetology concepts. Topics include safety, first aid, sanitation, bacteriology, anatomy, diseases and disorders, hygiene, product knowledge, chemistry, ethics, manicures, and other related topics. Upon completion, students should be able to safely and competently apply cosmetology concepts in the salon setting.					
COS 112	Salon I	0	24	0	8
Prerequisites:					
Corequisites:	COS 111				
This course introduces basic salon services. Topics include scalp treatments, shampooing, rinsing, hair color, design, haircutting, permanent waving, pressing, relaxing, wigs, and other related topics. Upon completion, students should be able to safely and competently demonstrate salon services.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
COS 113	Cosmetology Concepts II	4	0	0	4
Prerequisites:					
Corequisites: COS 114					
This course covers more comprehensive cosmetology concepts. Topics include safety, product knowledge, chemistry, manicuring, chemical restructuring, and hair coloring. Upon completion, students should be able to safely and competently apply these cosmetology concepts in the salon setting.					
COS 114	Salon II	0	24	0	8
Prerequisites:					
Corequisites: COS 113					
This course provides experience in a simulated salon setting. Topics include basic skin care, manicuring, nail application, scalp treatments, shampooing, rinsing, hair color, design, haircutting, chemical restructuring, pressing, wigs, and other related topics. Upon completion, students should be able to safely and competently demonstrate these salon services.					
COS 115	Cosmetology Concepts III	4	0	0	4
Prerequisites:					
Corequisites: COS 116					
This course covers more comprehensive cosmetology concepts. Topics include safety, product knowledge, salon management, salesmanship, skin care, electricity/light therapy, wigs, thermal hair styling, lash and brow tinting, superfluous hair removal, and other related topics. Upon completion, students should be able to safely and competently apply these cosmetology concepts in the salon setting.					
COS 116	Salon III	0	12	0	4
Prerequisites:					
Corequisites: COS 115					
This course provides comprehensive experience in a simulated salon setting. Emphasis is placed on intermediate-level of skin care, manicuring, scalp treatments, shampooing, hair color, design, haircutting, chemical restructuring, pressing, and other related topics. Upon completion, students should be able to safely and competently demonstrate these salon services.					
COS 117	Cosmetology Concepts IV	2	0	0	2
Prerequisites:					
Corequisites: COS 118					
This course covers advanced cosmetology concepts. Topics include chemistry and hair structure, advanced cutting and design, and an overview of all cosmetology concepts in preparation for the licensing examination. Upon completion, students should be able to demonstrate an understanding of these cosmetology concepts and meet program completion requirements.					
COS 118	Salon IV	0	21	0	7
Prerequisites:					
Corequisites: COS 117					
This course provides advanced experience in a simulated salon setting. Emphasis is placed on efficient and competent delivery of all salon services in preparation for the licensing examination and employment. Upon completion, students should be able to demonstrate competence in program requirements and the areas covered on the Cosmetology Licensing Examination and meet entry-level employment requirements.					
COS 119	Esthetics Concepts I	2	0	0	2
Prerequisites:					
Corequisites:					
This course covers the concepts of esthetics. Topics include orientation, anatomy, physiology, hygiene, sterilization, first aid, chemistry, basic dermatology, and professional ethics.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
COS 120	Esthetics Salon I	0	18	0	6
Prerequisites:					
Corequisites:					
This course covers the techniques of esthetics in a comprehensive experience in a simulated salon setting. Topics include client consultation, facials, body treatments, hair removal, make-up applications, and color analysis.					
COS 121	Manicure/Nail Technology I	4	6	0	6
Prerequisites:					
Corequisites:					
This course covers techniques of nail technology, hand and arm massage, and recognition of nail diseases and disorders. Topics include OSHA/safety, sanitation, bacteriology, product knowledge, salesmanship, manicures, artificial applications, pedicures, massage, and other related topics. Upon completion, students should be able to safely and competently perform nail care, including manicures, pedicures, massage, decorating, and artificial applications in a salon setting.					
COS 122	Manicure/Nail Technology II	4	6	0	6
Prerequisites: COS 121					
Corequisites:					
This course covers advanced techniques of nail technology and hand and arm massage. Topics include OSHA/safety, product knowledge, customer service, salesmanship, artificial applications, nail art, and other related topics. Upon completion, students should be able to demonstrate competence necessary for the licensing examination, including advanced nail care, artificial enhancements, and decorations.					
COS 125	Esthetics Concepts II	2	0	0	2
Prerequisites:					
Corequisites:					
This course covers more comprehensive esthetics concepts. Topics include nutrition, business management, makeup, and color analysis.					
COS 126	Esthetics Salon II	0	18	0	6
Prerequisites:					
Corequisites:					
This course provides experience in a simulated esthetics setting. Topics include machine facials, aromatherapy, massage therapy, electricity, and apparatus.					
COS 223	Contemporary Hair Coloring	1	3	0	2
Prerequisites: COS 111 and COS 112					
Corequisites:					
This course covers basic color concepts, hair coloring problems and application techniques. Topics include color theory, terminology, contemporary techniques, product knowledge, and other related topics. Upon completion, students should be able to identify a client's color needs and safely and competently perform color applications and correct problems.					
COS 251	Manicure Instructor Concepts	8	0	0	8
Prerequisites:					
Corequisites:					
This course introduces manicuring instructional concepts. Topics include orientation, theories of education, unit planning, daily lesson planning, laboratory management, student assessment, record keeping, and other related topics. Upon completion, students should be able to identify theories of education, develop lesson plans, demonstrate supervision techniques, and assess student classroom performance.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
COS 252	Manicure Instructor Practicum	0	15	0	5
Prerequisites:	NC Cosmetology or Manicurist License and six months work experience in a cosmetic arts salon				
Corequisites:	COS 251				
This course covers supervisory and instructional skills for teaching manicuring students in a laboratory setting. Topics include demonstrations of services, supervision, student assessment, and other related topics. Upon completion, students should be able to demonstrate competence in the areas covered by the Manicuring Instructor Licensing Examination and meet program completion requirements.					
COS 271	Instructor Concepts I	5	0	0	5
Prerequisites:	Cosmetology License and six months experience as a licensed cosmetologist				
Corequisites:	COS 272				
This course introduces the basic cosmetology instructional concepts. Topics include orientation, theories of education, unit planning, daily lesson planning, laboratory management, student assessment, record keeping, and other related topics. Upon completion, students should be able to identify theories of education, develop lesson plans, demonstrate supervisory techniques, and assess student performance in a classroom setting.					
COS 272	Instructor Practicum I	0	21	0	7
Prerequisites:	Cosmetology License and six months experience as a licensed cosmetologist				
Corequisites:	COS 271				
This course covers supervisory and instructional skills for teaching entry-level cosmetology students in a laboratory setting. Topics include demonstrations of services, supervision, and entry-level student assessment. Upon completion, students should be able to demonstrate salon services and instruct and objectively assess the entry-level student.					
COS 273	Instructor Concepts II	5	0	0	5
Prerequisites:	COS 271 and COS 272				
Corequisites:	COS 274				
This course covers advanced cosmetology instructional concepts. Topics include practical demonstrations, lesson planning, lecture techniques, development and administration of assessment tools, record keeping, and other related topics. Upon completion, students should be able to develop lesson plans, demonstrate supervision techniques, assess student performance in a classroom setting, and keep accurate records.					
COS 274	Instructor Practicum II	0	21	0	7
Prerequisites:	COS 271 and COS 272				
Corequisites:	COS 273				
This course is designed to develop supervisory and instructional skills for teaching advanced cosmetology students in a laboratory setting. Topics include practical demonstrations, supervision, and advanced student assessment. Upon completion, students should be able to demonstrate competence in the areas covered by the Instructor Licensing Examination and meet program completion requirements. <i>This is a certificate-level course.</i>					
CSC 132	BASIC Programming	2	3	0	3
Prerequisites:	CIS 115				
Corequisites:					
This course is designed to introduce computer programming using the BASIC programming language. Topics include input/output operations, sequence, selection, iteration, arithmetic operations, arrays/tables, and other related topics. Upon completion, students should be able to design, code, test, and debug BASIC language programs.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
CSC 139	Visual BASIC Programming	2	3	0	3
Prerequisites:	CIS 115				
Corequisites:					
This course introduces event-driven computer programming using the Visual BASIC programming language. Topics include input/output operations, sequence, selection, iteration, arithmetic operations, arrays, forms, sequential files, and other related topics. Upon completion, students should be able to design, code, test, and debug Visual BASIC language programs.					
DAN 110	Dance Appreciation	3	0	0	3
Prerequisites:					
Corequisites:					
This course for non-dance majors surveys diverse dance forms and the religious and cultural values that shape them. Topics include dances from Europe, Africa, Asia, and America. Upon completion, students should be able to demonstrate an understanding of the diverse forms and values that dance embraces. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
DRA 111	Theatre Appreciation	3	0	0	3
Prerequisites:					
Corequisites:					
This course provides a study of the art, craft, and business of the theatre. Emphasis is placed on the audience's appreciation of the work of the playwright, director, actor, designer, producer, and critic. Upon completion, students should be able to demonstrate a vocabulary of theatre terms and to recognize the contributions of various theatre artists. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
DRA 122	Oral Interpretation	3	0	0	3
Prerequisites:	RED 080				
Corequisites:					
This course introduces the dramatistic study of literature through performance. Emphasis is placed on analysis and performance of poetry, drama, and prose fiction. Upon completion, students should be able to embody and discuss critically the speakers inherent in literature. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
DRA 126	Storytelling	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the art of storytelling and the oral traditions of folk literature. Topics include the history of storytelling, its value and purpose, techniques of the storyteller, and methods of collecting verbal art. Upon completion, students should be able to present and discuss critically stories from the world's repertory of traditional lore. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ECO 151	Survey of Economics	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces basic concepts of micro- and macroeconomics. Topics include supply and demand, optimizing economic behavior, prices and wages, money, interest rates, banking system, unemployment, inflation, taxes, government spending, and international trade. Upon completion, students should be able to explain alternative solutions for economic problems faced by private and government sectors. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ECO 251	Principles of Microeconomics	3	0	0	3

Prerequisites: RED 090

Corequisites:

This course introduces economic analysis of individual, business, and industry choices in the market economy. Topics include the price mechanism, supply and demand, optimizing economic behavior, costs and revenue, market structures, factor markets, income distribution, market failure, and government intervention. Upon completion, students should be able to identify and evaluate consumer and business alternatives in order to efficiently achieve economic objectives. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.*

ECO 252	Principles of Macroeconomics	3	0	0	3
----------------	-------------------------------------	----------	----------	----------	----------

Prerequisites: RED 090

Corequisites:

This course introduces economic analysis of aggregate employment, income, and prices. Topics include major schools of economic thought; aggregate supply and demand; economic measures, fluctuations, and growth; money and banking; stabilization techniques; and international trade. Upon completion, students should be able to evaluate national economic components, conditions, and alternatives for achieving socioeconomic goals. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.*

EDU 111	Early Childhood Credentials I	2	0	0	2
----------------	--------------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces early childhood education and the role of the teacher in environments that encourage exploration and learning. Topics include professionalism, child growth and development, individuality, family, and culture. Upon completion, students should be able to identify and demonstrate knowledge of professional roles, major areas of child growth and development, and diverse families.

EDU 112	Early Childhood Credentials II	2	0	0	2
----------------	---------------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces developmentally appropriate practices, positive guidance, and standards of health, safety, and nutrition. Topics include the learning environment, planning developmentally appropriate activities, positive guidance techniques, and health, safety, and nutrition standards. Upon completion, students should be able to demonstrate developmentally appropriate activities and positive guidance techniques and describe health/sanitation/nutrition practices that promote healthy environments for children.

EDU 113	Family/Early Child Credentials	2	0	0	2
----------------	---------------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course covers business/professional practices for family early childhood providers, developmentally appropriate practices, positive guidance, and methods of providing a safe and healthy environment. Topics include developmentally appropriate practices; health, safety and nutrition; and business and professionalism. Upon completion, students should be able to develop a handbook of policies, procedures, and practices for a family child care home.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
EDU 119	Early Childhood Education	3	2	0	4

Prerequisites:

Corequisites:

This course covers the foundations of the education profession, types of programs, professionalism, and planning quality programs for children. Topics include historical foundations, career options, types of programs, professionalism, observational skills, and planning developmentally appropriate schedules, environments, and activities for children. Upon completion, students should be able to demonstrate observational skills, identify appropriate schedules and environments, develop activity plans, and describe influences on the profession.

EDU 131	Child, Family, & Community	3	0	0	3
----------------	---------------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course covers the relationships between the families, programs for children/schools, and the community. Emphasis is placed on establishing and maintaining positive collaborative relationships with families and community resources. Upon completion, students should be able to demonstrate strategies for effectively working with diverse families and identifying and utilizing community resources.

EDU 144	Child Development I	3	0	0	3
----------------	----------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course covers the theories of child development and the developmental sequences of children from conception through the pre-school years for early childhood educators. Emphasis is placed on sequences in physical/motor, social, emotional, cognitive, and language development and appropriate experiences for the young child. Upon completion, students should be able to identify developmental milestones, plan experiences to enhance development, and describe appropriate interaction techniques and environments for typical/atypical development.

EDU 145	Child Development II	3	0	0	3
----------------	-----------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course covers theories of child development and developmental sequences of children from pre-school through middle childhood for early childhood educators. Emphasis is placed on characteristics of physical/motor, social, emotional, and cognitive/language development and appropriate experiences for children. Upon completion, students should be able to identify developmental characteristics, plan experiences to enhance development, and describe appropriate interaction techniques and environments.

EDU 146	Child Guidance	3	0	0	3
----------------	-----------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces practical principles and techniques for developmentally appropriate guidance. Emphasis is placed on encouraging self-esteem and cultural awareness, effective communication skills, and direct and indirect guidance techniques and strategies. Upon completion, students should be able to demonstrate strategies which encourage positive social interactions, promote conflict resolution, and develop self-control, self-motivation, and self-esteem in children.

EDU 151	Creative Activities	3	0	0	3
----------------	----------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites: EDU 151A

This course covers creative learning environments, planning and implementing developmentally appropriate experiences, and developing appropriate teaching materials for the classroom. Emphasis is placed on creative activities for children in art, music, movement and physical skills, and dramatics. Upon completion, students should be able to select and evaluate developmentally appropriate learning materials and activities.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
EDU 151A	Creative Activities Lab	0	2	0	1
Prerequisites:					
Corequisites: EDU 151					
This course provides a laboratory component to complement EDU 151. Emphasis is placed on practical experiences that enhance concepts introduced in the classroom. Upon completion, students should be able to demonstrate a practical understanding of the development and implementation of appropriate creative activities.					
EDU 153	Health, Safety, & Nutrition	3	0	0	3
Prerequisites:					
Corequisites:					
This course focuses on promoting and maintaining the health and well-being of children. Topics include health and nutritional needs, safe and healthy environments, and recognition and reporting of child abuse and neglect. Upon completion, students should be able to set up and monitor safe indoor and outdoor environments and implement a nutrition education program.					
EDU 153A	Health, Safety, & Nutrition Lab	0	2	0	1
Prerequisites:					
Corequisites: EDU 153					
This course provides a laboratory component to complement EDU 153. Emphasis is placed on practical experiences that enhance concepts introduced in the classroom. Upon completion, students should be able to demonstrate a practical understanding of the development and implementation of safe indoor/outdoor environments and nutrition education programs.					
EDU 221	Children with Special Needs	3	0	0	3
Prerequisites: EDU 144 and EDU 145					
Corequisites:					
This course introduces working with children with special needs. Emphasis is placed on the characteristics and assessment of children and strategies for adapting the home and classroom environment. Upon completion, students should be able to recognize atypical development, make appropriate referrals, and work collaboratively to plan, implement, and evaluate inclusion strategies.					
EDU 234	Infants, Toddlers, and Twos	3	0	0	3
Prerequisites:					
Corequisites:					
This course covers the skills needed to effectively implement group care for infants, toddlers and two-year olds. Emphasis is placed on child development and developmentally appropriate practices. Upon completion, students should be able to identify, plan, select materials and equipment, and implement and evaluate a developmentally appropriate curriculum.					
EDU 235	School-Age Dev & Program	2	0	0	2
Prerequisites:					
Corequisites:					
This course presents developmentally appropriate practices in group care for school-age children. Topics include principles of development, environmental planning, and positive guidance techniques. Upon completion, students should be able to discuss developmental principles for children five to twelve years of age and plan and implement age-appropriate activities.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
EDU 251	Exploration Activities	3	0	0	3
Prerequisites:					
Corequisites:					
This course covers discovery experiences in science, math, and social studies. Emphasis is placed on developing concepts for each area and encouraging young children to explore, discover, and construct concepts. Upon completion, students should be able to discuss the discovery approach to teaching, explain major concepts in each area, and plan appropriate experiences for children.					
EDU 259	Curriculum Planning	3	0	0	3
Prerequisites: EDU 112 OR EDU 113 OR EDU 119					
Corequisites:					
This course covers early childhood curriculum planning. Topics include philosophy, curriculum, indoor and outdoor environmental design, scheduling, observation and assessment, and instructional planning and evaluation. Upon completion, students should be able to assess children and curriculum; plan for daily, weekly, and long-range instruction; and design environments with appropriate equipment and supplies.					
EDU 261	Early Childhood Admin I	2	0	0	2
Prerequisites: MAT 060					
Corequisites:					
This course covers the policies, procedures, and responsibilities for the management of early childhood education programs. Topics include implementation of goals, principles of supervision, budgeting and financial management, and meeting the standards for a NC Child Day Care license. Upon completion, students should be able to develop program goals, explain licensing standards, determine budgeting needs, and describe effective methods of personnel supervision.					
EDU 262	Early Childhood Admin II	3	0	0	3
Prerequisites: EDU 261					
Corequisites:					
This course provides a foundation for budgetary, financial, and personnel management of the child care center. Topics include budgeting, financial management, marketing, hiring, supervision, and professional development of a child care center. Upon completion, students should be able to formulate marketing, financial management, and fund development plans and develop personnel policies, including supervision and staff development plans.					
EDU 263	Dev School-Age Programs	2	0	0	2
Prerequisites:					
Corequisites:					
This course introduces the methods and procedures for operating a school-age program in either the public or proprietary setting. Emphasis is placed on constructing and organizing the physical environment as well as planning and developing a school-age program. Upon completion, students should be able to plan and develop a quality school-age program.					
EDU 271	Media Tech for Teachers	2	2	0	3
Prerequisites:					
Corequisites:					
This course covers the operation and maintenance of recording and projection equipment, the creation of classroom materials, and the application of new technologies in schools. Topics include audiovisual equipment and production, electronic and on-line information, instructional materials construction, and use of educational software. Upon completion, students should be able to use and maintain audiovisual equipment, develop instructional materials, and implement technologies for clerical management and instruction.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
EDU 282	Early Childhood Literature	3	0	0	3

Prerequisites:

Corequisites:

This course covers the history, selection, and integration of literature and language in the early childhood curriculum. Topics include the history and selection of developmentally appropriate children's literature and the use of books and other media to enhance language and literacy in the classroom. Upon completion, students should be able to select appropriate books for storytelling, reading aloud, puppetry, flannel board use, and other techniques.

ELC 111	Introduction to Electricity	2	2	0	3
----------------	------------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the fundamental concepts of electricity and test equipment to non-electrical/electronics majors. Topics include basic DC and AC principles (voltage, resistance, current, impedance); components (resistors, inductors, and capacitors); power; and operation of test equipment. Upon completion, students should be able to construct and analyze simple DC and AC circuits using electrical test equipment.

ELC 112	DC/AC Electricity	3	6	0	5
----------------	--------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the fundamental concepts of and computations related to DC/AC electricity. Emphasis is placed on DC/AC circuits, components, operation of test equipment; and other related topics. Upon completion, students should be able to construct, verify, and analyze simple DC/AC circuits.

ELC 113	Basic Wiring I	2	6	0	4
----------------	-----------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the care/usage of tools and materials used in electrical installations and the requirements of the National Electrical Code. Topics include NEC, electrical safety, and electrical blueprint reading; planning, layout; and installation of electrical distribution equipment; lighting; overcurrent protection; conductors; branch circuits; and conduits. Upon completion, students should be able to properly install conduits, wiring, and electrical distribution equipment associated with basic electrical installations.

ELC 114	Basic Wiring II	2	6	0	4
----------------	------------------------	----------	----------	----------	----------

Prerequisites: ELC 113

Corequisites:

This course provides additional instruction in the application of electrical tools, materials, and test equipment associated with electrical installations. Topics include the NEC; safety; electrical blueprints; planning, layout, and installation of equipment and conduits; and wiring devices such as panels and overcurrent devices. Upon completion, students should be able to properly install equipment and conduit associated with electrical installations.

ELC 115	Industrial Wiring	2	6	0	4
----------------	--------------------------	----------	----------	----------	----------

Prerequisites: ELC 113

Corequisites:

This course covers layout, planning, and installation of wiring systems in industrial facilities. Emphasis is placed on industrial wiring methods and materials. Upon completion, students should be able to install industrial systems and equipment.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ELC 117	Motors and Controls	2	6	0	4
Prerequisites: ELC 112 or ELC 131					
Corequisites:					
This course introduces the fundamental concepts of motors and motor controls. Topics include ladder diagrams, pilot devices, contactors, motor starters, motors, and other control devices. Upon completion, students should be able to properly select, connect, and troubleshoot motors and control circuits.					
ELC 118	National Electrical Code	1	2	0	2
Prerequisites:					
Corequisites:					
This course covers the use of the current National Electrical Code. Topics include the NEC history, wiring methods, overcurrent protection, materials, and other related topics. Upon completion, students should be able to effectively use the NEC.					
ELC 119	NEC Calculations	1	2	0	2
Prerequisites:					
Corequisites:					
This course covers branch circuit, feeder, and service calculations. Emphasis is placed on sections of the National Electrical Code related to calculations. Upon completion, students should be able to use appropriate code sections to size wire, conduit, and overcurrent devices for branch circuits, feeders, and service.					
ELC 128	Introduction to PLC	2	3	0	3
Prerequisites:					
Corequisites:					
This course introduces the programmable logic controller (PLC) and its associated applications. Topics include ladder logic diagrams, input/output modules, power supplies, surge protection, selection/installation of controllers, and interfacing of controllers with equipment. Upon completion, students should be able to install PLCs and create simple programs.					
ELC 131	DC/AC Circuit Analysis	4	3	0	5
Prerequisites:					
Corequisites: MAT 121					
This course introduces DC and AC electricity with an emphasis on circuit analysis, measurements, and operation of test equipment. Topics include DC and AC principles, circuit analysis laws and theorems, components, test equipment operation, circuit simulation software, and other related topics. Upon completion, students should be able to interpret circuit schematics; design, construct, verify, and analyze DC/AC circuits; and properly use test equipment.					
ELC 132	Electrical Drawings	1	3	0	2
Prerequisites:					
Corequisites:					
This course introduces the technical documentation that is typically found or used in the industrial environment. Topics include interpretation of service manuals, freehand sketching of lines, orthographic views and dimensions, and blueprint reading. Upon completion, students should be able to interpret technical documents and blueprints and use basic drafting skills to prepare usable field drawings.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ELC 135	Electrical Machines I	2	2	0	3
Prerequisites: ELC 131 or ELC 112					
Corequisites:					
This course covers magnetic circuits, transformers, DC/AC generators, and a review of the three-phase circuit fundamentals including power factor. Topics include magnetic terms and calculations, transformer calculations based on primary or secondary equivalent circuits, and generator regulation and efficiency calculations. Upon completion, students should be able to perform regulation and efficiency calculations for DC/AC single- and three-phase transformer and generator circuits.					
ELC 231	Electric Power Systems	3	2	0	4
Prerequisites:					
Corequisites:					
This course covers the basic principles of electric power systems, including transmission lines, generator and transformer characteristics, and fault detection and correction. Emphasis is placed on line diagrams and per unit calculations for circuit performance analysis in regards to voltage regulation, power factor, and protection devices. Upon completion, students should be able to analyze simple distribution subsystems, calculate fault current, and determine the size and type of circuit protection devices.					
ELN 131	Electronic Devices	3	3	0	4
Prerequisites:					
Corequisites: ELC 112, ELC 131 or ELC 140					
This course includes semiconductor-based devices such as diodes, bipolar transistors, FETs, thermistors, and related components. Emphasis is placed on analysis, selection, biasing, and applications in power supplies, small signal amplifiers, and switching and control circuits. Upon completion, students should be able to construct, analyze, verify, and troubleshoot discrete component circuits using appropriate techniques and test equipment.					
ELN 132	Linear IC Applications	3	3	0	4
Prerequisites: ELN 131					
Corequisites:					
This course introduces the characteristics and applications of linear integrated circuits. Topics include op-amp circuits, differential amplifiers, instrumentation amplifiers, waveform generators, active filters, PLLs, and IC voltage regulators. Upon completion, students should be able to construct, analyze, verify, and troubleshoot linear integrated circuits using appropriate techniques and test equipment.					
ELN 133	Digital Electronics	3	3	0	4
Prerequisites:					
Corequisites:					
This course covers combinational and sequential logic circuits. Topics include number systems, Boolean algebra, logic families, MSI and LSI circuits, AC/DC converters, and other related topics. Upon completion, students should be able to construct, analyze, verify, and troubleshoot digital circuits using appropriate techniques and test equipment.					
ELN 150	CAD for Electronics	1	3	0	2
Prerequisites: CIS 110 or CIS 111					
Corequisites:					
This course introduces computer-aided drafting (CAD) with an emphasis on applications in the electronics field. Topics include electronics industry standards (symbols, schematic diagrams, layouts); drawing electronic circuit diagrams; and specialized electronic drafting practices and components such as resistors, capacitors, and ICs. Upon completion, students should be able to prepare electronic drawings with CAD software.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ELN 232	Introduction to Microprocessors	3	3	0	4
Prerequisites: ELN 133					
Corequisites:					
This course introduces microprocessor architecture and microcomputer systems including memory and input/output interfacing. Topics include assembly language programming, bus architecture, bus cycle types, I/O systems, memory systems, interrupts, and other related topics. Upon completion, students should be able to interpret, analyze, verify, and troubleshoot fundamental microprocessor circuits and programs using appropriate techniques and test equipment.					
ELN 233	Microprocessor Systems	3	3	0	4
Prerequisites: ELN 232					
Corequisites:					
This course covers the application and design of microprocessor control systems. Topics include control and interfacing of systems using AD/DA, serial/parallel I/O, communication protocols, and other related applications. Upon completion, students should be able to design, construct, program, verify, analyze, and troubleshoot fundamental microprocessor interface and control circuits using related equipment.					
ELN 234	Communication Systems	3	3	0	4
Prerequisites: ELN 132					
Corequisites:					
This course introduces the fundamentals of electronic communication systems. Topics include the frequency spectrum, electrical noise, modulation techniques, characteristics of transmitters and receivers, and digital communications. Upon completion, students should be able to interpret analog and digital communication circuit diagrams, analyze transmitter and receiver circuits, and use appropriate communication test equipment.					
ENG 070	Basic Language Skills	2	2	0	3
Prerequisites:					
Corequisites:					
This course introduces the fundamentals of standard written English. Emphasis is placed on effective word choice, recognition of sentences and sentence parts, and basic usage. Upon completion, students should be able to generate sentences that clearly express ideas. <i>This course does not satisfy the developmental reading and writing prerequisite for ENG 111 or ENG 111A.</i>					
ENG 080	Writing Foundations	3	2	0	4
Prerequisites: ENG 070					
Corequisites:					
This course introduces the writing process and stresses effective sentences. Emphasis is placed on applying the conventions of written English, reflecting standard usage and mechanics in structuring a variety of sentences. Upon completion, students should be able to write correct sentences and a unified, coherent paragraph. <i>This course does not satisfy the developmental reading and writing prerequisite for ENG 111.</i>					
ENG 090	Composition Strategies	3	0	0	3
Prerequisites: ENG 080					
Corequisites: ENG 090A					
This course provides practice in the writing process and stresses effective paragraphs. Emphasis is placed on learning and applying the conventions of standard written English in developing paragraphs within the essay. Upon completion, students should be able to compose a variety of paragraphs and a unified, coherent essay. <i>This course satisfies the developmental writing requirement for ENG 111.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ENG 090A	Comp Strategies Lab	0	2	0	1
Prerequisites:	ENG 080				
Corequisites:	ENG 090				
This writing lab is designed to practice the skills introduced in ENG 090. Emphasis is placed on learning and applying the conventions of standard written English in developing paragraphs within the essay. Upon completion, students should be able to compose a variety of paragraphs and a unified, coherent essay.					
ENG 101	Applied Communications I	3	0	0	3
Prerequisites:					
Corequisites:					
This course is designed to enhance reading and writing skills for the workplace. Emphasis is placed on technical reading, job-related vocabulary, sentence writing, punctuation, and spelling. Upon completion, students should be able to identify main ideas with supporting details and produce mechanically correct short writings appropriate to the workplace. <i>This is a diploma-level course.</i>					
ENG 111	Expository Writing	3	0	0	3
Prerequisites:	ENG 090 and RED 090				
Corequisites:					
This course is the required first course in a series of two designed to develop the ability to produce clear expository prose. Emphasis is placed on the writing process including audience analysis, topic selection, thesis support and development, editing, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in English composition.</i>					
ENG 112	Argument-Based Research	3	0	0	3
Prerequisites:	ENG 111				
Corequisites:					
This course, the second in a series of two, introduces research techniques, documentation styles, and argumentative strategies. Emphasis is placed on analyzing data and incorporating research findings into documented argumentative essays and research projects. Upon completion, students should be able to summarize, paraphrase, interpret, and synthesize information from primary and secondary sources using standard research format and style. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in English composition.</i>					
ENG 113	Literature-Based Research	3	0	0	3
Prerequisites:	ENG 111				
Corequisites:					
This course, the second in a series of two, expands the concepts developed in ENG 111 by focusing on writing that involves literature-based research and documentation. Emphasis is placed on critical reading and thinking and the analysis and interpretation of prose, poetry, and drama: plot, characterization, theme, cultural context, etc. Upon completion, students should be able to construct mechanically-sound, documented essays and research papers that analyze and respond to literary works. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in English composition.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ENG 114	Prof. Research & Reporting	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course, the second in a series of two, is designed to teach professional communication skills. Emphasis is placed on research, listening, critical reading and thinking, analysis, interpretation, and design used in oral and written presentations. Upon completion, students should be able to work individually and collaboratively to produce well-designed business and professional written and oral presentations. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in English composition.</i>					
ENG 125	Creative Writing I	3	0	0	3
Prerequisites: ENG 111					
Corequisites: ENG 112, ENG 113, or ENG 114					
This course is designed to provide students with the opportunity to practice the art of creative writing. Emphasis is placed on writing, fiction, poetry, and sketches. Upon completion, students should be able to craft and critique their own writing and critique the writing of others.					
ENG 126	Creative Writing II	3	0	0	3
Prerequisites: ENG 125					
Corequisites:					
This course is designed as a workshop approach for advancing imaginative and literary skills. Emphasis is placed on the discussion of style, techniques, and challenges for first publications. Upon completion, students should be able to submit a piece of their writing for publication.					
ENG 131	Introduction to Literature	3	0	0	3
Prerequisites: ENG 111					
Corequisites: ENG 112 or ENG 114 or ENG 113					
This course introduces the principal genres of literature. Emphasis is placed on literary terminology, devices, structure, and interpretation. Upon completion, students should be able to analyze and respond to literature. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 231	American Literature I	3	0	0	3
Prerequisites: ENG 112, ENG 113, or ENG 114					
Corequisites:					
This course covers selected works in American literature from its beginnings to 1865. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to literary works in their historical and cultural contexts. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 232	American Literature II	3	0	0	3
Prerequisites: ENG 112, ENG 113, or ENG 114					
Corequisites:					
This course covers selected works in American literature from 1865 to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to literary works in their historical and cultural contexts. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ENG 233	Major American Writers	3	0	0	3
Prerequisites: ENG 112, ENG 113, or ENG 114					
Corequisites:					
This course provides an intensive study of the works of several major American authors. Emphasis is placed on American history, culture, and the literary merits. Upon completion, students should be able to interpret, analyze, and evaluate the works studied. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 241	British Literature I	3	0	0	3
Prerequisites: ENG 112, ENG 113, or ENG 114					
Corequisites:					
This course covers selected works in British literature from its beginnings to the Romantic Period. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to literary works in their historical and cultural contexts. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 242	British Literature II	3	0	0	3
Prerequisites: ENG 112, ENG 113, or ENG 114					
Corequisites:					
This course covers selected works in British literature from the Romantic Period to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to literary works in their historical and cultural contexts. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 243	Major British Writers	3	0	0	3
Prerequisites: ENG 112, ENG 113, or ENG 114					
Corequisites:					
This course provides an intensive study of the works of several major British authors. Emphasis is placed on British history, culture, and the literary merits. Upon completion, students should be able to interpret, analyze, and evaluate the works studied. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 251	Western World Literature I	3	0	0	3
Prerequisites: ENG 112, ENG 113, or ENG 114					
Corequisites:					
This course provides a survey of selected European works from the Classical period through the Renaissance. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to selected works. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 252	Western World Literature II	3	0	0	3
Prerequisites: ENG 112, ENG 113, or ENG 114					
Corequisites:					
This course provides a survey of selected European works from the Neoclassical period to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to selected works. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
ENG 261	World Literature I	3	0	0	3
Prerequisites:	ENG 112, ENG 113, or ENG 114				
Corequisites:					
This course introduces selected works from the Pacific, Asia, Africa, Europe, and the Americas from their literary beginnings through the seventeenth century. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to selected works. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 262	World Literature II	3	0	0	3
Prerequisites:	ENG 112, ENG 113, or ENG 114				
Corequisites:					
This course introduces selected works from the Pacific, Asia, Africa, Europe, and the Americas from the eighteenth century to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to selected works. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
ENG 272	Southern Literature	3	0	0	3
Prerequisites:	ENG 112, ENG 113, or ENG 114				
Corequisites:					
This course provides an analytical study of the works of several Southern authors. Emphasis is placed on the historical and cultural contexts, themes, aesthetic features of individual works, and biographical backgrounds of the authors. Upon completion, students should be able to interpret, analyze, and discuss selected works.					
ENG 273	African-American Literature	3	0	0	3
Prerequisites:	ENG 112, ENG 113, or ENG 114				
Corequisites:					
This course provides a survey of the development of African-American literature from its beginnings to the present. Emphasis is placed on historical and cultural context, themes, literary traditions, and backgrounds of the authors. Upon completion, students should be able to interpret, analyze, and respond to selected texts.					
ENG 274	Literature by Women	3	0	0	3
Prerequisites:	ENG 112, ENG 113, or ENG 114				
Corequisites:					
This course provides an analytical study of the works of several women authors. Emphasis is placed on the historical and cultural contexts, themes and aesthetic features of individual works, and biographical backgrounds of the authors. Upon completion, students should be able to interpret, analyze, and discuss selected works.					
GEL 111	Introductory Geology	3	2	0	4
Prerequisites	RED 090				
Corequisites:					
This course introduces basic landforms and geological processes. Topics include rocks, minerals, volcanoes, fluvial processes, geological history, plate tectonics, glaciers, and coastal dynamics. Upon completion, students should be able to describe basic geological processes that shape the earth. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
GEO 111	World Regional Geography	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces the regional concept which emphasizes the spatial association of people and their environment. Emphasis is placed on the physical, cultural, and economic systems that interact to produce the distinct regions of the earth. Upon completion, students should be able to describe variations in physical and cultural features of a region and demonstrate an understanding of their functional relationships. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
GEO 112	Cultural Geography	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course is designed to explore the diversity of human cultures and to describe their shared characteristics. Emphasis is placed on the characteristics, distribution, and complexity of earth's cultural patterns. Upon completion, students should be able to demonstrate an understanding of the differences and similarities in human cultural groups. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
GEO 130	General Physical Geography	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces both the basic physical components that help shape the earth and the study of minerals, rocks, and evolution of landforms. Emphasis is placed on the geographic grid, cartography, weather, climate, mineral composition, fluvial processes, and erosion and deposition. Upon completion, students should be able to identify these components and processes and explain how they interact. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
HEA 110	Personal Health/Wellness	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course provides an introduction to basic personal health and wellness. Emphasis is placed on current health issues such as nutrition, mental health, and fitness. Upon completion, students should be able to demonstrate an understanding of the factors necessary to the maintenance of health and wellness.					
HEA 112	First Aid & CPR	1	2	0	2
Prerequisites:					
Corequisites:					
This course introduces the basics of emergency first aid treatment. Topics include rescue breathing, CPR, first aid for choking and bleeding, and other first aid procedures. Upon completion, students should be able to demonstrate skills in providing emergency care for the sick and injured until medical help can be obtained.					
HIS 111	World Civilizations I	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course introduces world history from the dawn of civilization to the early modern era. Topics include Eurasian, African, American, and Greco-Roman civilizations and Christian, Islamic and Byzantine cultures. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in pre-modern world civilizations. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
HIS 112	World Civilizations II	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces world history from the early modern era to the present. Topics include the cultures of Africa, Europe, India, China, Japan, and the Americas. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in modern world civilizations. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
HIS 115	Introduction to Global History	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the study of global history. Emphasis is placed on topics such as colonialism, industrialism, and nationalism. Upon completion, students should be able to analyze significant global historical issues. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
HIS 121	Western Civilization I	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces western civilization from pre-history to the early modern era. Topics include ancient Greece, Rome, and Christian institutions of the Middle Ages and the emergence of national monarchies in western Europe. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in early western civilization. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
HIS 122	Western Civilization II	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces western civilization from the early modern era to the present. Topics include the religious wars, the Industrial Revolution, World Wars I and II, and the Cold War. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in modern western civilization. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
HIS 131	American History I	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course is a survey of American history from pre-history through the Civil War era. Topics include the migrations to the Americas, the colonial and revolutionary periods, the development of the Republic, and the Civil War. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in early American history. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
HIS 132	American History II	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course is a survey of American history from the Civil War era to the present. Topics include industrialization, immigration, the Great Depression, the major American wars, the Cold War, and social conflict. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in American history since the Civil War. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
HIS 141	Genealogy & Local History	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course explores the role of the local or family historian. Emphasis is placed on historical or genealogical research techniques including a survey of local, state, and national archival resources. Upon completion, students should be able to conduct genealogical research and do a major research project on local or family history.					
HIS 162	Women and History	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course surveys the experience of women in historical perspective. Topics include the experiences and contributions of women in culture, politics, economics, science, and religion. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural contributions of women in history.					
HIS 167	The Vietnam War	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course covers the American political and military involvement in Vietnam from 1944 to 1975. Topics include the French colonial policy, Vietnamese nationalism, the war with France, American involvement, and resolution of the conflict. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments that influenced the Vietnam War.					
HIS 221	African-American History	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course covers African-American history from the Colonial period to the present. Topics include African origins, the slave trade, the Civil War, Reconstruction, the Jim Crow era, the civil rights movement, and contributions of African Americans. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in the history of African Americans.					
HIS 227	Native American History	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course surveys the history and cultures of Native Americans from pre-history to the present. Topics include Native American civilizations, relations with Europeans, and the continuing evolution of Native American cultures. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments among Native Americans.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
HIS 230	The Changing South	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course covers major developments in the South from the Civil War era to the present. Topics include Reconstruction, the emergence of the New South, segregation, the Civil Rights movement, and current issues and challenges facing the South. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in the New South.					
HIS 233	History of Appalachia	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course introduces the Appalachian region and its relationship to mainstream American history. Topics include regional settlement patterns and a study of Appalachian culture. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in Appalachia.					
HIS 234	Cherokee History	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course is a survey of the history and culture of the Cherokees. Topics include origins, belief systems, contact and conflict with European settlers, removals, and contemporary problems faced by the Cherokees. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in Cherokee history.					
HIS 236	North Carolina History	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course is a study of geographical, political, economic, and social conditions existing in North Carolina from America's discovery to the present. Topics include native and immigrant backgrounds; colonial, antebellum, and Reconstruction periods; party politics; race relations; and the transition from an agrarian to an industrial economy. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in North Carolina.					
HOR 112	Landscape Design I	2	3	0	3
Prerequisite:					
Corequisite:					
This course covers landscape principles and practices for residential and commercial sites. Emphasis is placed on drafting, site analysis, and common elements of good design, plant material selection, and proper plant utilization. Upon completion, students should be able to read, plan, and draft a landscape design.					
HOR 114	Landscape Construction	2	2	0	3
Prerequisite:					
Corequisite:					
This course introduces the design and fabrication of landscape structures/features. Emphasis is placed on safety, tool identification and use, material selection, construction techniques, and fabrication. Upon completion, students should be able to design and construct common landscape structures/features.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
HOR 118	Equipment Operations & Maint.	1	3	0	2

Prerequisite:

Corequisite:

This course covers the proper operation and maintenance of selected equipment used in horticulture. Emphasis is placed on the maintenance, minor repairs, safety devices, and actual operation of selected equipment. Upon completion, students should be able to design a maintenance schedule, service equipment, and demonstrate safe operation of selected equipment.

HOR 154	Intro. to Horticulture Therapy	2	4	0	4
----------------	---------------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the concept of horticulture therapy and how it can be applied to improve human well-being. Emphasis is placed on developing a horticulture therapy program, planning activities, and adjusting activities based on the age, disability, or need of the individual. Upon completion, students should be able to develop project ideas, write lesson plans, and lead informal classes using horticulture therapy techniques.

HOR 160	Plant Materials I	2	2	0	3
----------------	--------------------------	----------	----------	----------	----------

Prerequisite:

Corequisite:

This course covers identification, culture, characteristics, and use of plants. Emphasis is placed on nomenclature, identification, growth requirements, cultural requirements, soil preferences, and landscape applications. Upon completion, students should be able to demonstrate knowledge of the proper selection and utilization of plant materials.

HOR 162	Applied Plant Science	2	2	0	3
----------------	------------------------------	----------	----------	----------	----------

Prerequisite:

Corequisite:

This course introduces the basic concepts of botany as they apply to horticulture. Topics include nomenclature, physiology, morphology, and anatomy as they apply to plant culture. Upon completion, students should be able to apply the basic principles of botany to horticulture.

HOR 164	Horticulture Pest Management	2	2	0	3
----------------	-------------------------------------	----------	----------	----------	----------

Prerequisite:

Corequisite:

This course covers the identification and control of plant pests including insects, diseases, and weeds. Topics include pest identification and chemical regulations, safety, and pesticide application. Upon completion, students should be able to meet the requirements for North Carolina Commercial Pesticide Ground Applicators license.

HOR 166	Soils & Fertilizers	2	2	0	3
----------------	--------------------------------	----------	----------	----------	----------

Prerequisite:

Corequisite:

This course covers the physical and chemical properties of soils and soil fertility and management. Topics include soil formation, classification, physical and chemical properties, testing, fertilizer application, and other amendments. Upon completion, students should be able to analyze, evaluate, and properly amend soils/media.

HOR 168	Plant Propagation	2	2	0	3
----------------	--------------------------	----------	----------	----------	----------

Prerequisite:

Corequisite:

This course is a study of sexual and asexual reproduction of plants. Emphasis is placed on seed propagation, grafting, stem and root propagation, micro-propagation, and other propagation techniques. Upon completion, students should be able to successfully propagate ornamental plants.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
HOR 170	Horticulture Computer Apps	1	3	0	2
Prerequisite:					
Corequisite:					
This course introduces computer programs as they apply to the horticulture industry. Emphasis is placed on applications of software for plant identification, design, and irrigation. Upon completion, students should be able to use computer programs in horticultural situations.					
HOR 213	Landscape Design II	2	2	0	3
Prerequisite: HOR 112					
Corequisite:					
This course covers residential and commercial landscape design, cost analysis, and installation. Emphasis is placed on job cost estimates, installation of the landscape design, and maintenance techniques. Upon completion, students should be able to read landscape design blueprints, develop cost estimates, and implement the design.					
HOR 225	Nursery Production	2	3	0	3
Prerequisite:					
Corequisite:					
This course covers all aspects of nursery crop production. Emphasis is placed on field production and covers soils, nutrition, irrigation, pest control and harvesting. Upon completion, students should be able to produce a marketable nursery crop.					
HOR 235	Greenhouse Production	2	2	0	3
Prerequisite:					
Corequisite:					
This course covers the production of greenhouse crops. Emphasis is placed on product selection and production based on market needs and facility availability, including record keeping. Upon completion, students should be able to select and make production schedules to successfully produce greenhouse crops.					
HOR 245	Horticulture Specialty Crops	2	2	0	3
Prerequisite:					
Corequisite:					
This course introduces the techniques and requirements for the production of horticultural crops of special or local interest. Topics include development of a local market, proper varietal selection, cultural practices, site selection, and harvesting and marketing practices. Upon completion, students should be able to choose, grow, and market a horticultural crop of special or local interest.					
HOR 251	Insects & Diseases	2	2	0	3
Prerequisites:					
Corequisites:					
This course introduces insects and diseases of economic importance to horticultural crops. Topics include insect life cycles and identifying characteristics; plant diseases, including their signs and symptoms; control methods; and insect scouting for IPM. Upon completion, students should be able to demonstrate an understanding of insect and disease identification, collection, and control.					
HOR 255	Interiorscapes	1	2	0	2
Prerequisites:					
Corequisites:					
This course covers plant selection, design, and management for interior settings. Topics include tropical plant identification, cultural requirements, insect and disease identification and control, and design and management requirements for interior plants. Upon completion, students should be able to design, install, and manage plants in interior settings.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
HOR 257	Arboriculture Practices	1	3	0	2
Prerequisite:	HOR 160				
Corequisite:					
This course covers the culture and maintenance of trees and shrubs. Topics include fertilization, pruning, approved climbing techniques, pest control, and equipment use and safety. Upon completion, students should be able to properly prune trees and shrubs and perform arboricultural practices.					
HOR 260	Plant Materials II	2	2	0	3
Prerequisite:	HOR 160				
Corequisite:					
This course is a continuation of HOR 160 and covers additional plants. Emphasis is placed on reinforcement of skills and the introduction of additional plants. Upon completion, students should be able to demonstrate knowledge of the proper selection and utilization of plant materials.					
HOR 273	Horticulture Mgmt. & Marketing	3	0	0	3
Prerequisite:					
Corequisite:					
This course covers the steps involved in starting or managing a horticultural business. Topics include financing, regulations, market analysis, employer/employee relations, formulation of business plans, and operational procedures in a horticultural business. Upon completion, students should be able to assume ownership or management of a horticultural business.					
HUM 110	Technology and Society	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course considers technological change from historical, artistic, and philosophical perspectives and its effect on human needs and concerns. Emphasis is placed on the causes and consequences of technological change. Upon completion, students should be able to critically evaluate the implications of technology. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 120	Cultural Studies	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the distinctive features of a particular culture. Topics include art, history, music, literature, politics, philosophy, and religion. Upon completion, students should be able to appreciate the unique character of the study culture. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 121	The Nature of America	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides an interdisciplinary survey of the American cultural, social, and political experience. Emphasis is placed on the multicultural character of American society, distinctive qualities of various regions, and the American political system. Upon completion, students should be able to analyze significant cultural, social, and political aspects of American life. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
HUM 122	Southern Culture	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course explores the major qualities that make the South a distinct region. Topics include music, politics, literature, art, religion, race relations, and the role of social class in historical and contemporary contexts. Upon completion, students should be able to identify the characteristics that distinguish Southern culture. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 123	Appalachian Culture	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides an interdisciplinary study of the unique features of Appalachian culture. Topics include historical, political, sociological, psychological, and artistic features which distinguish this region. Upon completion, students should be able to demonstrate a broad-based awareness and appreciation of Appalachian culture.					
HUM 130	Myth in Human Culture	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides an in-depth study of myths and legends. Topics include the varied sources of myths and their influence on the individual and society within diverse cultural contexts. Upon completion, students should be able to demonstrate a general familiarity with myths and a broad-based understanding of the influence of myths and legends on modern culture. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 150	American Women's Studies	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides an inter-disciplinary study of the history, literature, and social roles of American women from Colonial times to the present. Emphasis is placed on women's roles as reflected in American language usage, education, law, the workplace, and mainstream culture. Upon completion, students should be able to identify and analyze the roles of women as reflected in various cultural forms. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 160	Introduction to Film	2	2	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the fundamental elements of film artistry and production. Topics include film styles, history, and production techniques, as well as the social values reflected in film art. Upon completion, students should be able to critically analyze the elements covered in relation to selected films. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 170	The Holocaust	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides a survey of the destruction of European Jewry by the Nazis during World War II. Topics include the anti-Semitic ideology, bureaucratic structures, and varying conditions of European occupation and domination under the Third Reich. Upon completion, students should be able to demonstrate an understanding of the historical, social, religious, political, and economic factors which cumulatively resulted in the Holocaust.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
HUM 211	Humanities I	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course introduces the humanities as a record in literature, music, art, history, religion, and philosophy of humankind's answers to the fundamental questions of existence. Emphasis is placed on the interconnectedness of various aspects of cultures from ancient through early modern times. Upon completion, students should be able to identify significant figures and cultural contributions of the periods studied. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 212	Humanities II	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course introduces the humanities as a record in literature, music, art, history, religion, and philosophy of humankind's answers to the fundamental questions of existence. Emphasis is placed on the interconnectedness of various aspects of cultures from early modern times to the present. Upon completion, students should be able to identify significant figures and cultural contributions of the periods studied. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 220	Human Values and Meaning	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course presents some major dimensions of human experience as reflected in art, music, literature, philosophy, and history. Topics include the search for identity, the quest for knowledge, the need for love, the individual and society, and the meaning of life. Upon completion, students should be able to recognize interdisciplinary connections and distinguish between open and closed questions and between narrative and scientific models of understanding. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
HUM 230	Leadership Development	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course explores the theories and techniques of leadership and group process. Emphasis is placed on leadership styles, theories of group dynamics, and the moral and ethical responsibilities of leadership. Upon completion, students should be able to identify and analyze a personal philosophy and style of leadership and integrate these concepts in various practical situations.					
HYD 110	Hydraulics/Pneumatics I	2	3	0	3
Prerequisites:					
Corequisites:					
This course introduces the basic components and functions of hydraulic and pneumatic systems. Topics include standard symbols, pumps, control valves, control assemblies, actuators, FRL, maintenance procedures, and switching and control devices. Upon completion, students should be able to understand the operation of a fluid power system, including design, application, and troubleshooting.					
MAT 050	Basic Math Skills	3	2	0	4
Prerequisites:					
Corequisites:					
This course is designed to strengthen basic math skills. Topics include properties, rounding, estimating, comparing, converting, and computing whole numbers, fractions, and decimals. Upon completion, students should be able to perform basic computations and solve relevant mathematical problems. This course will be taught through the Learning Lab at no cost to the student.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
MAT 060	Essential Mathematics	3	2	0	4
Prerequisites:	MAT 050				
Corequisites:					
This course is a comprehensive study of mathematical skills which should provide a strong mathematical foundation to pursue further study. Topics include principles and applications of decimals, fractions, percents, ratio and proportion, order of operations, geometry, measurement, and elements of algebra and statistics. Upon completion, students should be able to perform basic computations and solve relevant, multi-step mathematical problems using technology where appropriate.					
MAT 070	Introductory Algebra	3	2	0	4
Prerequisites:	MAT 060				
Corequisites:	RED 080				
This course establishes a foundation in algebraic concepts and problem solving. Topics include signed numbers, exponents, order of operations, simplifying expressions, solving linear equations and inequalities, graphing, formulas, polynomials, factoring, and elements of geometry. Upon completion, students should be able to apply the above concepts in problem solving using appropriate technology.					
MAT 080	Intermediate Algebra	3	2	0	4
Prerequisites:	MAT 070				
Corequisites:	RED 080				
This course continues the study of algebraic concepts with emphasis on applications. Topics include factoring; rational expressions; rational exponents; rational, radical, and quadratic equations; systems of equations; inequalities; graphing; functions; variations; complex numbers; and elements of geometry. Upon completion, students should be able to apply the above concepts in problem solving using appropriate technology.					
MAT 101	Applied Mathematics I	2	2	0	3
Prerequisites:	MAT 060				
Corequisites:					
This course is a comprehensive review of arithmetic with basic algebra designed to meet the needs of certificate and diploma programs. Topics include arithmetic and geometric skills used in measurement, ratio and proportion, exponents and roots, applications of percent, linear equations, formulas, and statistics. Upon completion, students should be able to solve practical problems in their specific areas of study. <i>This course is intended for certificate and diploma programs.</i>					
MAT 102	Applied Mathematics II	2	2	0	3
Prerequisites:	MAT 101				
Corequisites:					
This course introduces the concepts of right triangle trigonometry and geometry with emphasis on applications to problem solving. Topics include the basic definitions and properties of plane and solid geometry, area and volume, and right triangle trigonometry. Upon completion, students should be able to solve applied problems both independently and collaboratively. <i>This course is intended for certificate and diploma programs.</i>					
MAT 115	Mathematical Models	2	2	0	3
Prerequisites:	MAT 070				
Corequisites:					
This course develops the ability to utilize mathematical skills and technology to solve problems at a level found in non-mathematics-intensive programs. Topics include applications to percent, ratio and proportion, formulas, statistics, functional notation, linear functions and their groups, probability, sampling techniques, scatter plots, and modeling. Upon completion, students should be able to solve practical problems, reason and communicate with mathematics, and work confidently, collaboratively, and independently.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
MAT 120	Geometry and Trigonometry	2	2	0	3
Prerequisites:	MAT 070				
Corequisites:					
This course introduces the concepts of plane trigonometry and geometry with emphasis on applications to problem solving. Topics include the basic definitions and properties of plane and solid geometry, area and volume, right triangle trigonometry, and oblique triangles. Upon completion, students should be able to solve applied problems both independently and collaboratively using technology.					
MAT 140	Survey of Mathematics	3	0	0	3
Prerequisites:	MAT 070				
Corequisites:					
This course provides an introduction in a non-technical setting to selected topics in mathematics. Topics include, but are not limited to, sets, logic, probability, statistics, matrices, mathematical systems, geometry, topology, mathematics of finance, and modeling. Upon completion, students should be able to understand a variety of mathematical applications, think logically, and be able to work collaboratively and independently. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
MAT 140A	Survey of Mathematics Lab	0	2	0	1
Prerequisites:	MAT 070				
Corequisites:	MAT 140				
This course is a laboratory for MAT 140. Emphasis is placed on experiences that enhance the materials presented in the class. Upon completion, students should be able to solve problems, apply critical thinking, work in teams, and communicate effectively.					
MAT 151	Statistics I	3	0	0	3
Prerequisites:	MAT 080				
Corequisites:	RED 080				
This course provides a project-based approach to the study of basic probability, descriptive and inferential statistics, and decision making. Emphasis is placed on measures of central tendency and dispersion, correlation, regression, discrete and continuous probability distributions, quality control, population parameter estimation, and hypothesis testing. Upon completion, students should be able to describe important characteristics of a set of data and draw inferences about a population from sample data. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
MAT 161	College Algebra	3	0	0	3
Prerequisites:	MAT 080 or MAT 090				
Corequisites:	MAT 161A				
This course provides an integrated technological approach to algebraic topics used in problem solving. Emphasis is placed on applications involving equations and inequalities, polynomials, rational, exponential and logarithmic functions; and graphing and data analysis/modeling. Upon completion, students should be able to choose an appropriate model to fit a data set and use the model for analysis and prediction. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics for an AA degree.</i>					
MAT 161A	College Algebra Lab	0	2	0	1
Prerequisites:	MAT 080 or MAT 090				
Corequisites:	MAT 161				
This course is a laboratory for MAT 161. Emphasis is placed on experiences that enhance the materials presented in the class. Upon completion, students should be able to solve problems, apply critical thinking, work in teams, and communicate effectively. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement pre-major and/or elective course requirement.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
MAT 162	College Trigonometry	3	0	0	3
Prerequisites:	MAT 161				
Corequisites:					
This course provides an integrated technological approach to trigonometric applications used in problem solving. Emphasis is placed on applications involving trigonometric ratios, right triangles, oblique triangles, trigonometric functions, graphing vectors, and complex numbers. Upon completion, students should be able to apply the above principles of trigonometry to problem solving and communication. This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics for the AA degree.					
MAT 165	Finite Mathematics	3	0	0	3
Prerequisites:	MAT 161				
Corequisites:					
This course provides topics used to formulate models and to solve and interpret solutions using an algorithmic approach. Topics include linear algebra, linear programming, simplex method, sets and counting, probability, mathematics of finance, and logic. Upon completion, students should be able to demonstrate both an understanding of the theoretical concepts of finite mathematics and the ability to solve related problems. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
MAT 171	Precalculus Algebra	3	0	0	3
Prerequisites:	MAT 080				
Corequisites:	RED 080				
This is the first of two courses designed to emphasize topics which are fundamental to the study of calculus. Emphasis is placed on equations and inequalities, functions (linear, polynomial, rational), systems of equations and inequalities, and parametric equations. Upon completion, students should be able to solve practical problems and use appropriate models for analysis and predictions. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
MAT 172	Precalculus Trigonometry	3	0	0	3
Prerequisites:	MAT 171				
Corequisites:					
This is the second of two courses designed to emphasize topics which are fundamental to the study of calculus. Emphasis is placed on properties and applications of transcendental functions and their graphs, right and oblique triangle trigonometry, conic sections, vectors and polar coordinates. Upon completion, students should be able to solve practical problems and use appropriate models for analysis and prediction. This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.					
MAT 175	Precalculus	4	0	0	4
Prerequisite:					
Corequisite:	MAT 175A				
This course provides an intense study of the topics which are fundamental to the study of calculus. Emphasis is placed on functions and their graphs with special attention to polynomial, rational, exponential, logarithmic and trigonometric functions, and analytic trigonometry. Upon completion, students should be able to solve practical problems and use appropriate models for analysis and prediction. This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
MAT 175A	Precalculus Lab	0	2	0	1
Prerequisites:					
Corequisites: MAT 175					
This course is a laboratory for MAT 175. Emphasis is placed on experiences that enhance the materials presented in the class. Upon completion, students should be able to solve problems, apply critical thinking, work in teams, and communicate effectively. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement pre-major and/or elective course requirement.</i>					
MAT 263	Brief Calculus	3	0	0	3
Prerequisites: MAT 161					
Corequisites:					
This course introduces concepts of differentiation and integration and their applications to solving problems; the course is designed for students needing one semester of calculus. Topics include functions, graphing, differentiation, and integration with emphasis on applications drawn from business, economics, and biological and behavioral sciences. Upon completion, students should be able to demonstrate an understanding of the use of basic calculus and technology to solve problems and to analyze and communicate results. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
MAT 271	Calculus I	3	2	0	4
Prerequisites: MAT 172					
Corequisites:					
This course covers in depth the differential calculus portion of a three-course calculus sequence. Topics include limits, continuity, derivatives, and integrals of algebraic and transcendental functions of one variable, with applications. Upon completion, students should be able to apply differentiation and integration techniques to algebraic and transcendental functions. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
MAT 272	Calculus II	3	2	0	4
Prerequisites: MAT 271					
Corequisites:					
This course provides a rigorous treatment of integration and is the second calculus course in a three-course sequence. Topics include applications of definite integrals, techniques of integration, indeterminate forms, improper integrals, infinite series, conic sections, parametric equations, polar coordinates, and differential equations. Upon completion, students should be able to use integration and approximation techniques to solve application problems. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
MAT 273	Calculus III	3	2	0	4
Prerequisites: MAT 272					
Corequisites:					
This course covers the calculus of several variables and is the third calculus course in a three-course sequence. Topics include functions of several variables, partial derivatives, multiple integrals, solid analytical geometry, vector-valued functions, and line and surface integrals. Upon completion, students should be able to solve problems involving vectors and functions of several variables. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
MEC 111	Machine Processes I	2	3	0	3

Prerequisites:

Corequisites:

This course introduces safety, and tolls, machine processes, measuring instruments, and the operation of machine shop equipment. Topics include safety, measuring tools, and the basic setup and operation of lathes, milling machines, drill presses, and saws. Upon completion, students should be able to manufacture a simple part to a specified tolerance.

MKT 120	Principles of Marketing	3	0	0	3
----------------	--------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces principles and problems of marketing goods and services. Topics include promotion, placement, and pricing strategies for products. Upon completion, students should be able to apply marketing principles in organizational decision making.

MNT 110	Introduction to Maintenance Procedures	1	3	0	2
----------------	---	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course covers basic maintenance fundamentals for power transmission equipment. Topics include equipment inspection, lubrication, alignment, and other schedules maintenance procedures. Upon completion, students should be able to demonstrate knowledge of accepted maintenance procedures and practices according to current industry standards.

MNT 240	Industrial Equip. Troubleshooting	1	3	0	2
----------------	--	----------	----------	----------	----------

Prerequisites: ELC 112 or ELC 131

Corequisites:

This course covers the various service procedures, tools, instruments, and equipment necessary to analyze and repair typical industrial equipment. Emphasis is placed on electro-mechanical and fluid power equipment troubleshooting and repair, including common techniques and procedures. Upon completion, students should be able to troubleshoot and repair industrial equipment.

MUS 110	Music Appreciation	3	0	0	3
----------------	---------------------------	----------	----------	----------	----------

Prerequisites: RED 090

Corequisites:

This course is a basic survey of the music of the Western world. Emphasis is placed on the elements of music, terminology, composers, form, and style within a historical perspective. Upon completion, students should be able to demonstrate skills in basic listening and understanding of the art of music. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.*

MUS 112	Introduction to Jazz	3	0	0	3
----------------	-----------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the origins and musical components of jazz and the contributions of its major artists. Emphasis is placed on the development of discriminating listening habits, as well as the investigation of the styles and structural forms of the jazz idiom. Upon completion, students should be able to demonstrate skills in listening and understanding this form of American music. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.*

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
		3	0	0	3

MUS 113 American Music

Prerequisites:

Corequisites:

This course introduces various musical styles, influences, and composers of the United States from pre-Colonial times to the present. Emphasis is placed on the broad variety of music particular to American culture. Upon completion, students should be able to demonstrate skills in basic listening and understanding of American music. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.*

NAS 101	Nursing Assistant I	3	2	3	5
----------------	----------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces basic nursing skills required to provide personal care for patients, residents, or clients in a health care setting. Topics include communications, safety, patients' rights, personal care, vital signs, elimination, nutrition, emergencies, rehabilitation, and mental health. Upon completion, students should be able to demonstrate skills necessary to qualify as a Nursing Assistant I with the North Carolina Nurse Aide I Registry. *This is a certificate-level course.*

NAS 102	Nursing Assistant II	3	2	6	6
----------------	-----------------------------	----------	----------	----------	----------

Prerequisites: High school diploma or GED and currently listed as NA I with State of North Carolina

Corequisites:

This course provides training in selected advanced nursing assistant procedures. Emphasis is placed on sterile techniques, respiratory procedures, catheterizations, wound and trach care, irrigations, and ostomy care. Upon completion, students should be able to demonstrate skills necessary to qualify as a Nursing Assistant II with the North Carolina Board of Nursing. *This is a certificate-level course.*

NAS 103	Home Health Care	2	0	0	2
----------------	-------------------------	----------	----------	----------	----------

Prerequisites: NAS 101

Corequisites:

This course covers basic health issues that affect clients in the home setting. Emphasis is placed on home safety, recognizing significant changes in the client's condition, family dynamics, and use of home health care equipment. Upon completion, students should be able to identify care for clients at home. *This is a certificate-level course.*

NET 110	Data Comm/Networking	2	2	0	3
----------------	-----------------------------	----------	----------	----------	----------

Prerequisites: CIS 110

Corequisites:

This course introduces data communication and networking. Topics include telecommunication standards, protocols, equipment, network topologies, communication software, LANs, WANs, the Internet, and network operating systems. Upon completion, students should be able to demonstrate understanding of the fundamentals of telecommunication and networking.

NET 125	Routing and Switching I	1	4	0	3
----------------	--------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the OSI model, network topologies, IP addressing, and subnet masks, simple routing techniques, and basic switching terminology. Topics include the basic functions of the seven layers of the OSI model, different classes of IP addressing and subnetting, router login scripts. Upon completion, students should be able to list the key internetworking functions of the OSI Networking Layer and how they are performed in a variety of router types.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
NET 126	Routing and Switching II	1	4	0	3
Prerequisites:	NET 125				
Corequisites:					
This course introduces router configurations, router protocols, switching methods, and hub terminology. Topics include the basic flow control methods, router startup commands, manipulation of router configuration files, IP and data link addressing. Upon completion, students should be able to prepare the initial router configuration files, as well as enable, verify, and configure IP addresses.					
NET 225	Adv. Router & Switching I	1	4	0	3
Prerequisites:	NET 126				
Corequisites:					
This course introduces advanced router configuration, advanced LAN switching theory and design, VLANs, Novell IPX, and threaded case studies. Topics include router elements and operations, adding routing protocols to a configuration, monitoring IPX operations on the router, LAN segmentation, and advanced switching methods. Upon completion students should be able to describe LAN and network segmentation with bridges, routers and switches and describe a virtual LAN.					
NET 226	Adv. Router & Switching II	1	4	0	3
Prerequisites:	NET 225				
Corequisites:					
This course introduces WAN theory and design, WAN technology, PPP, Frame Relay, ISDN, and additional case studies. Topics include network congestion problems, TCP/IP transport and network layer protocols, advanced routing and switching configuration, ISDN protocols, PPP encapsulation operations on a router. Upon completion, students should be able to provide solutions for network routing problems, identify ISDN protocols, channels, and function groups, describe the Spanning Tree protocol.					
NUR 115	Fundamentals of Nursing	2	3	6	5
Prerequisites:	Admission to the Associate Degree Nursing program				
Corequisites:	ACA 111, BIO 165, PSY 110, NUR 118, CIS 110 or CIS 111				
This course introduces concepts basic to beginning nursing practice. Emphasis is placed on the application of the nursing process to provide and manage care as a member of the discipline of nursing. Upon completion, students should be able to demonstrate beginning competence in caring for individuals with common alterations of health. Theory and procedures related to basic human needs are taught, demonstrated and practiced in class, nursing skills laboratory, and in area health care facilities.					
NUR 116	Nursing of Older Adults	2	3	3	4
Prerequisites:	NUR 185, ENG 111				
Corequisites:	NUR 125				
This course provides an opportunity to utilize the provider of care and manager of care roles to meet nursing needs of older adults in a variety of settings. Emphasis is placed on the aging process as it applies to normal developmental changes and alterations in health commonly occurring in the older adult. Upon completion, students should be able to apply the nursing process in caring for the older adult.					
NUR 117	Pharmacology	1	3	0	2
Prerequisites:	NUR 115, NUR 118				
Corequisites:	NUR 135, NUR 133, BIO 166				
This course introduces information concerning sources, effects, legalities, and the safe use of medications as therapeutic agents. Emphasis is placed on nursing responsibility, accountability, and application of the nursing process regarding drug therapy. Upon completion, students should be able to compute dosages and administer medication safely. Pharmacological properties of medications in each classification are emphasized.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
NUR 118	Nutrition/Diet Therapy	2	0	0	2
Prerequisites:	Admission to the Associate Nursing Program				
Corequisites:	NUR 115				
This course covers the six nutrient categories and provides an overview of diet recommendations for promotion and maintenance of health. Topics include the food pyramid recommendations for individuals across the life span, energy balance, and special dietary modifications for common alterations in health. Upon completion, students should be able to complete a nutritional assessment, analyze diets, and recommend dietary adaptations to meet individual health needs. Students relate their diets to the standards presented.					
NUR 125	Maternal-Child Nursing	5	3	6	8
Prerequisites:	NUR 185, ENG 111, NUR 115				
Corequisites:	NUR 116				
This course introduces nursing concepts related to the delivery of nursing care for the expanding family. Emphasis is placed on utilizing the nursing process as a framework for managing/providing nursing care to individuals and families along the wellness-illness continuum. Upon completion, students should be able to utilize the nursing process to deliver nursing care to mothers, infants, children, and families.					
NUR 133	Nursing Assessment	2	3	0	3
Prerequisites:	NUR 115, NUR 118				
Corequisites:	NUR 135, NUR 117, BIO 166				
This course provides theory and application experience for performing nursing assessment of individuals across the life span. Emphasis is placed on interviewing and physical assessment techniques and documentation of findings appropriate for nursing. Upon completion, students should be able to complete a health history and perform a noninvasive physical assessment. Emphasis is placed on well clients with the identification and prioritization of some deviations from the normal upon which to base nursing diagnoses.					
NUR 135	Adult Nursing I	5	3	9	9
Prerequisites:	NUR 115, NUR 118				
Corequisites:	BIO 166, NUR 117, NUR 133				
This course introduces concepts related to the nursing care of individuals experiencing acute and chronic alterations in health. Emphasis is placed on utilizing the nursing process as a framework for providing and managing nursing care to individuals along the wellness-illness continuum. Upon completion, students should be able to apply the nursing process to individuals experiencing acute and chronic alterations in health.					
NUR 185	Mental Health Nursing	3	0	6	5
Prerequisites:	NUR 135, NUR 117, NUR 133, NUR 115 or NUR 189				
Corequisites:	ENG 111				
This course includes concepts related to the nursing care of individuals experiencing alterations in social and psychological functioning. Emphasis is placed on utilizing the nursing process to provide and manage nursing care for individuals with common psychiatric disorders or mental health needs. Upon completion, students should be able to apply psychosocial theories in the nursing care of individuals with psychiatric/mental health needs. Therapeutic use of self, utilization of effective communication techniques and the role of the nurse in providing client care in health care settings is emphasized.					
NUR 188	Nursing in the Community	1	0	6	3
Prerequisites:	NUR 125, NUR 115, NUR 116				
Corequisites:	NUR 235, COM 110				
This course to introduces concepts and practices of community-based nursing care across the life span. Topics include home care history, agency regulation/standards, nurse's roles, the interdisciplinary team, and the application of nursing care to the community setting. Upon completion, students should be able to provide nursing care, manage nursing care, and function as a member of the discipline in home health care.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
NUR 189	Nursing Transition	1	3	0	2
Prerequisites:	BIO 165, PSY 110, CIS 110 or CIS 111, PN Licensure, or permission of instructor				
Corequisites:	ACA 111, BIO 166				
This course is designed to assist the licensed practical nurse in transition to the role of the associate degree nurse. Topics include the role of the registered nurse, nursing process, homeostasis, and validation of selected nursing skills and physical assessment. Upon completion, students should be able to articulate into the ADN program at the level of the generic student.					
NUR 235	Adult Nursing II	4	3	15	10
Prerequisites:	NUR 116, NUR 125, NUR 135				
Corequisites:	COM 110, NUR 188				
This course provides expanded concepts related to nursing care for individuals experiencing common complex alterations in health. Emphasis is placed on the nurse's role as a member of a multidisciplinary team and as a manager of care for a group of individuals. Upon completion, students should be able to provide comprehensive nursing care for groups of individuals with common complex alterations in health.					
OST 080	Keyboarding Literacy	1	2	0	2
Prerequisites:					
Corequisites:					
This course is designed to develop elementary keyboarding skills. Emphasis is placed on mastery of the keyboard. Upon completion, students should be able to demonstrate basic proficiency in keyboarding.					
OST 122	Office Computations	1	2	0	2
Prerequisites:	MAT 060				
Corequisites:					
This course introduces the keypad and the touch method using the electronic calculator. Topics include mathematical functions in business applications. Upon completion, students should be able to use the electronic calculator to solve a wide variety of problems commonly encountered in business.					
OST 136	Word Processing	1	2	0	2
Prerequisites:	OST 080				
Corequisites:					
This course introduces word processing concepts and applications. Topics include preparation of a variety of documents and mastery of specialized software functions. Upon completion, students should be able to work effectively in a computerized word processing environment.					
OST 137	Office Software Applications	1	2	0	2
Prerequisites:	OST 136, CIS 120				
Corequisites:					
This course introduces the concepts and functions of software that meets the changing needs of the community. Emphasis is placed on the terminology and use of software through a hands on approach. Upon completion, students should be able to use software in a business environment. This class will also incorporate the integration of various software packages.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
OST 141	Medical Terms I-Medical Office	3	0	0	3

Prerequisites:

Corequisites:

This course uses a language-structure approach to present the terminology and vocabulary that will be encountered in medical office settings. Topics include word parts that relate to systemic components, conditions, pathology, and disorder remediation in approximately one-half of the systems of the human body. Upon completion, students should be able to relate words to systems, pluralize, define, pronounce, and construct sentences with the included terms.

OST 142	Medical Terms II-Medical Office	3	0	0	3
----------------	--	----------	----------	----------	----------

Prerequisites: OST 141

Corequisites:

This course is a continuation of OST 141 and continues the study, using a language-structure approach, of medical office terminology and vocabulary. Topics include word parts that relate to systemic components, conditions, pathology, and disorder remediation in the remaining systems of the human body. Upon completion, students should be able to relate words to systems, pluralize, define, pronounce, and construct sentences with the included terms.

OST 148	Medical Coding Billing & Insurance	3	0	0	3
----------------	---	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces CPT and ICD coding as they apply to medical insurance and billing. Emphasis is placed on accuracy in coding, forms preparation, and posting. Upon completion, students should be able to describe the steps of the total billing cycle and explain the importance of accuracy. *This course is a unique concentration requirement in the Medical Office Systems Technology concentration in the Office Systems Technology program.*

OST 149	Medical Legal Issues	3	0	0	3
----------------	-----------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the complex legal, moral, and ethical issues involved in providing health-care services. Emphasis is placed on the legal requirements of medical practices; the relationship of physician, patient, and office personnel; professional liabilities; and medical practice liability. Upon completion, students should be able to demonstrate a working knowledge of current medical law and accepted ethical behavior. *This course is a unique concentration requirement in the Medical Office Systems Technology concentration in the Office Systems Technology program.*

OST 164	Text Editing Applications	3	0	0	3
----------------	----------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course provides a comprehensive study of editing skills needed in the workplace. Emphasis is placed on grammar, punctuation, sentence structure, proofreading, and editing. Upon completion, students should be able to use reference materials to compose and edit text.

OST 181	Intro to Office Systems	2	2	0	3
----------------	--------------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the skills and abilities needed in today's office. Topics include effectively interacting with co-workers and the public, processing simple financial and informational documents, and performing functions typical of today's offices. Upon completion, students should be able to display skills and decision-making abilities essential for functioning in the total office context.

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
OST 184	Records Management	1	2	0	2
Prerequisites:					
Corequisites:					
This course includes the creation, maintenance, protection, security, and disposition of records stored in a variety of media forms. Topics include alphabetic, geographic, subject, and numeric filing methods. Upon completion, students should be able to set up and maintain a records management system.					
OST 223	Machine Transcription I	1	2	0	2
Prerequisites: OST 134, OST 136, and OST 164					
Corequisites:					
This course covers the use of transcribing machines to produce mailable documents. Emphasis is placed on appropriate formatting, advanced text editing skills, and transcription techniques. Upon completion, students should be able to transcribe documents into mailable copy.					
OST 236	Adv. Word/Info. Processing	2	2	0	3
Prerequisites: OST 136					
Corequisites:					
This course develops proficiency in the utilization of advanced word/information processing functions. Topics include tables, graphics, macros, sorting, document assembly, merging, and newspaper and brochure columns. Upon completion, students should be able to produce a variety of complex business documents.					
OST 241	Medical Office Transcription I	1	2	0	2
Prerequisites: OST 141					
Corequisites:					
This course introduces machine transcription techniques as applied to medical documents. Emphasis is placed on accurate transcription, proofreading, and use of reference materials as well as vocabulary building. Upon completion, students should be able to prepare accurate and usable transcripts of voice recordings in the covered specialties.					
OST 243	Medical Office Simulation	2	2	0	3
Prerequisites: OST 080 and OST 148					
Corequisites:					
This course introduces medical systems used to process information in the automated office. Topics include traditional and electronic information resources, storing and retrieving information, and the billing cycle. Upon completion, students should be able to use the computer accurately to schedule, bill, update, and make corrections.					
OST 289	Office Systems Management	2	2	0	3
Prerequisites: OST 136 and OST 164					
Corequisites:					
This course provides a capstone course for the office professional. Topics include administrative office procedures, imaging, communication techniques, ergonomics, and equipment utilization. Upon completion, students should be able to function proficiently in a changing office environment.					
PED 110	Fit and Well for Life	1	2	0	2
Prerequisites:					
Corequisites:					
This course is designed to investigate and apply the basic concepts and principles of lifetime physical fitness and other health-related factors. Emphasis is placed on wellness through the study of nutrition, weight control, stress management, and consumer facts on exercise and fitness. Upon completion, students should be able to plan a personal, lifelong fitness program based on individual needs, abilities, and interests.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PED 111	Physical Fitness I	0	3	0	1
Prerequisites:					
Corequisites:					
This course provides an individualized approach to physical fitness utilizing the five major components. Emphasis is placed on the scientific basis for setting up and engaging in personalized physical fitness programs. Upon completion, students should be able to set up and implement an individualized physical fitness program. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					
PED 113	Aerobics I	0	3	0	1
Prerequisites:					
Corequisites:					
This course introduces a program of cardiovascular fitness involving continuous, rhythmic exercise. Emphasis is placed on developing cardiovascular efficiency, strength, and flexibility and on safety precautions. Upon completion, students should be able to select and implement a rhythmic aerobic exercise program. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					
PED 119	Circuit Training	0	3	0	1
Prerequisites:					
Corequisites:					
This course covers the skills necessary to participate in a developmental fitness program. Emphasis is placed on the circuit training method which involves a series of conditioning timed stations arranged for maximum benefit and variety. Upon completion, students should be able to understand and appreciate the role of circuit training as a means to develop fitness.					
PED 120	Walking for Fitness	0	3	0	1
Prerequisites:					
Corequisites:					
This course introduces fitness through walking. Emphasis is placed on stretching, conditioning exercises, proper clothing, fluid needs, and injury prevention. Upon completion, students should be able to participate in a recreational walking program.					
PED 122	Yoga I	0	2	0	1
Prerequisites:					
Corequisites:					
This course introduces the basic discipline of yoga. Topics include proper breathing, relaxation techniques, and correct body positions. Upon completion, students should be able to demonstrate the procedures of yoga.					
PED 125	Self-Defense-Beginning	0	2	0	1
Prerequisites:					
Corequisites:					
This course is designed to aid students in developing rudimentary skills in self-defense. Emphasis is placed on stances, blocks, punches, and kicks as well as non-physical means of self-defense. Upon completion, students should be able to demonstrate basic self-defense techniques of a physical and non-physical nature.					
PED 126	Self-Defense-Intermediate	0	2	0	1
Prerequisites: PED 125					
Corequisites:					
This course is designed to aid students in building on the techniques and skills developed in PED 125. Emphasis is placed on the appropriate psychological and physiological responses to various encounters. Upon completion, students should be able to demonstrate intermediate skills in self-defense stances, blocks, punches, and kick combinations.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PED 128	Golf-Beginning	0	2	0	1
Prerequisite:					
Corequisite:					
This course emphasizes the fundamentals of golf. Topics include the proper grips, stance, alignment, swings for the short and long game, putting, and the rules and etiquette of golf. Upon completion, students should be able to perform the basic golf shots and demonstrate a knowledge of the rules and etiquette of golf. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					
PED 129	Golf-Intermediate	0	2	0	1
Prerequisite: PED 128					
Corequisite:					
This course covers the more advanced phases of golf. Emphasis is placed on refining the fundamental skills and learning more advanced phases of the games such as club selection, trouble shots, and course management. Upon completion, students should be able demonstrate the knowledge and ability to play a recreational round of golf. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					
PED 130	Tennis-Beginning	0	2	0	1
Prerequisites:					
Corequisites:					
This course emphasizes the fundamentals of tennis. Topics include basic strokes, rules, etiquette, and court play. Upon completion, students should be able to play recreational tennis.					
PED 131	Tennis-Intermediate	0	2	0	1
Prerequisites: PED 130					
Corequisites:					
This course emphasizes the refinement of playing skills. Topics include continuing the development of fundamentals, learning advanced serves, and strokes and pace and strategies in singles and doubles play. Upon completion, students should be able to play competitive tennis.					
PED 142	Lifetime Sports	0	2	0	1
Prerequisites:					
Corequisites:					
This course is designed to give an overview of a variety of sports activities. Emphasis is placed on the skills and rules necessary to participate in a variety of lifetime sports. Upon completion, students should be able to demonstrate an awareness of the importance of participating in lifetime sports activities. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					
PED 143	Volleyball-Beginning	0	2	0	1
Prerequisites:					
Corequisites:					
This course covers the fundamentals of volleyball. Emphasis is placed on the basics of serving, passing, setting, spiking, blocking, and the rules and etiquette of volleyball. Upon completion, students should be able to participate in recreational volleyball.					
PED 145	Basketball-Beginning	0	2	0	1
Prerequisites:					
Corequisites:					
This course covers the fundamentals of basketball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in recreational basketball. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PED 147	Soccer	0	2	0	1
Prerequisites:					
Corequisites:					
This course introduces the basics of soccer. Emphasis is placed on rules, strategies, and fundamental skills. Upon completion, students should be able to participate in recreational soccer. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					
PED 148	Softball	0	2	0	1
Prerequisites:					
Corequisites:					
this course introduces the fundamental skills and rules of softball. Emphasis is placed on proper techniques and strategies for playing softball. Upon completion, students should be able to participate in recreational softball. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					
PED 150	Baseball/Beginning	0	3	0	1
Prerequisites:					
Corequisites:					
This course covers the fundamentals of baseball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in recreational baseball. <i>This course has been approved for transfer through the Comprehensive Articulation Agreement.</i>					
PED 152	Swimming-Beginning	0	2	0	1
Prerequisites:					
Corequisites:					
This course is designed for non-swimmers and beginners. Emphasis is placed on developing confidence in the water, learning water safety, acquiring skills in floating, and learning elementary strokes. Upon completion, students should be able to demonstrate safety skills and be able to tread water, back float, and use the crawl stroke for 20 yards.					
PED 153	Swimming-Intermediate	0	2	0	1
Prerequisites: PED 152					
Corequisites:					
This course is designed for those who have mastered basic swimming skills. Emphasis is placed on refining basic skills and learning new swim strokes. Upon completion, students should be able to demonstrate the four basic strokes, the scissors kick, the underwater swim, and other related skills.					
PED 170	Backpacking	0	2	0	1
Prerequisites:					
Corequisites:					
This course covers the proper techniques for establishing a campsite, navigating in the wilderness, and planning for an overnight trip. Topics include planning for meals, proper use of maps and compass, and packing and dressing for extended periods in the outdoors. Upon completion, students should be able to identify quality backpacking equipment, identify the principles of no-trace camping, and successfully complete a backpacking experience.					
PED 171	Nature Hiking	0	2	0	1
Prerequisites:					
Corequisites:					
This course provides instruction on how to equip and care for oneself on the trail. Topics include clothing, hygiene, trail ethics, and necessary equipment. Upon completion, students should be able to successfully participate in nature trail hikes.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PED 177	Ice Skating	0	2	0	1
Prerequisites:					
Corequisites:					
This course introduces the fundamentals of ice skating. Emphasis is placed on basic positioning, balance, and form on ice. Upon completion, students should be able to demonstrate skills necessary for recreational ice skating.					
PED 181	Snow Skiing-Beginning	0	2	0	1
Prerequisites:					
Corequisites:					
This course introduces the fundamentals of snow skiing. Topics include basic techniques, safety, and equipment involved in snow skiing. Upon completion, students should be able to ski a down slope, enter and exit a ski lift, and perform basic maneuvers on skis.					
PED 182	Snow Skiing Intermediate	0	2	0	1
Prerequisites: PED 181					
Corequisites:					
This course is designed to further develop snow skiing skills. Topics include selection and care of equipment, parallel skiing and turns, christies, advanced jumps, trail skiing, and slalom racing. Upon completion, students should be able to ski on varying terrains and snow conditions with control and safety.					
PED 183	Folk Dancing	0	2	0	1
Prerequisites:					
Corequisites:					
This course teaches the fundamental folk dance movements along with cultural traditions from various countries. Emphasis is placed on the history and traditions of the folk dance as well as the movements and the dances themselves. Upon completion, students should be able to demonstrate folk dances as well as knowledge of their origins and cultural traditions.					
PED 184	Square Dancing I	0	2	0	1
Prerequisites:					
Corequisites:					
This course introduces the terminology and skills necessary to perform square dancing. Topics include working from squared sets-squared circles to squared throughs, right and left throughs, and Dixie Chains. Upon completion, students should be able to perform square dance routines and recognize the calls made for all formations.					
PED 185	Square Dancing II	0	2	0	1
Prerequisites: PED 184					
Corequisites:					
This course includes additional variations and forms of square dancing. Topics include such routines as turns, grand swing, triple trades, wheel and deal, T-cup chain, and arky change. Upon completion, students should be able to demonstrate and perform country and western square dance routines.					
PED 189	Clogging	0	2	0	1
Prerequisites:					
Corequisites:					
This course introduces the fundamentals of clogging. Emphasis is placed on basic dance steps, turns, formations, and figures in American and English country dancing. Upon completion, students should be able to participate in the life-long recreational activity of clogging.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PED 211	New Games	0	2	0	1
Prerequisites:					
Corequisites:					
This course includes explanation, demonstration, and participation in games that provide an alternative to traditional sports. Emphasis is placed on playing for pleasure rather than for competitive purposes. Upon completion, students should be able to participate and lead others in participating in non-competitive games. This course has been approved to satisfy the Comprehensive Articulation Agreement pre-major and/or elective course requirement.					
PHI 210	History of Philosophy	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course introduces fundamental philosophical issues through an historical perspective. Emphasis is placed on such figures as Plato, Aristotle, Lao-Tzu, Confucius, Augustine, Aquinas, Descartes, Locke, Kant, Wollstonecraft, Nietzsche, and Sartre. Upon completion, students should be able to identify and distinguish among the key positions of the philosophers studied. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
PHI 215	Philosophical Issues	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course introduces fundamental issues in philosophy considering the views of classical and contemporary philosophers. Emphasis is placed on knowledge and belief, appearance and reality, determinism and free will, faith and reason, and justice and inequality. Upon completion, students should be able to identify, analyze, and critique the philosophical components of an issue. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
PHI 240	Introduction to Ethics	3	0	0	3
Prerequisites: ENG 111					
Corequisites:					
This course introduces theories about the nature and foundations of moral judgments and applications to contemporary moral issues. Emphasis is placed on utilitarianism, rule-based ethics, existentialism, relativism versus objectivism, and egoism. Upon completion, students should be able to apply various ethical theories to individual moral issues such as euthanasia, abortion, crime and punishment, and justice. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
PHY 151	College Physics I	3	2	0	4
Prerequisites: MAT 161 and MAT 161A or MAT 171					
Corequisites:					
This course uses algebra- and trigonometry-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include units and measurement, vectors, linear kinematics and dynamics, energy, power, momentum, fluid mechanics, and heat. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PHY 152	College Physics II	3	2	0	4
Prerequisites: PHY 151					
Corequisites:					
This course uses algebra- and trigonometry-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include electrostatic forces, electric fields, electric potentials, direct-current circuits, magnetostatic forces, magnetic fields, electromagnetic induction, alternating-current circuits, and light. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
PHY 251	General Physics I	3	3	0	4
Prerequisites: MAT 271					
Corequisites: MAT 272					
This course uses calculus-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include units and measurement, vector operations, linear kinematics and dynamics, energy, power, momentum, rotational mechanics, periodic motion, fluid mechanics, and heat. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
PHY 252	General Physics II	3	3	0	4
Prerequisites: MAT 272 or PHY 251					
Corequisites:					
This course uses calculus-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include electrostatic forces, electric fields, electric potentials, direct-current circuits, magnetostatic forces, magnetic fields, electromagnetic induction, alternating-current circuits, and light. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.</i>					
POL 110	Intro Political Science	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course introduces basic political concepts used by governments and addresses a wide range of political issues. Topics include political theory, ideologies, legitimacy, and sovereignty in democratic and non-democratic systems. Upon completion, students should be able to discuss a variety of issues inherent in all political systems and draw logical conclusions in evaluating these systems. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
POL 120	American Government	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course is a study of the origins, development, structure, and functions of American national government. Topics include the constitutional framework, federalism, the three branches of government including the bureaucracy, civil rights and liberties, political participation and behavior, and policy formation. Upon completion, students should be able to demonstrate an understanding of the basic concepts and participatory processes of the American political system. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
POL 130	State & Local Government	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course includes state and local political institutions and practices in the context of American federalism. Emphasis is placed on procedural and policy differences as well as political issues in state, regional, and local governments of North Carolina. Upon completion, students should be able to identify and discuss various problems associated with intergovernmental politics and their effect on the community and the individual.					
POL 210	Comparative Government	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides a cross-national perspective on the government and politics of contemporary nations such as Great Britain, France, Germany, and Russia. Topics include each country's historical uniqueness, key institutions, attitudes and ideologies, patterns of interaction, and current political problems. Upon completion, students should be able to identify and compare various nations' governmental structures, processes, ideologies, and capacity to resolve major problems. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
PSY 101	Applied Psychology	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces the basic principles of psychology as they apply to daily life. Topics include perception, emotions, motivation, adjustment, behavior management, communication, and related topics that promote growth and development on the job and in one's personal life. Upon completion, students should be able to apply the principles learned in this class to everyday living. <i>This course is intended for certificate and diploma programs.</i>					
PSY 110	Life Span Development	3	0	0	3
Prerequisites:					
Corequisites:					
This course provides an introduction to the study of human growth and development. Emphasis is placed on the physical, cognitive, and psychosocial aspects of development from conception to death. Upon completion, students should be able to demonstrate knowledge of development across the life span and apply this knowledge to their specific field of study.					
PSY 115	Stress Management	2	0	0	2
Prerequisites:					
Corequisites:					
This course covers stressors and techniques for stress management. Topics include anger, assertiveness, adaptation to change, conflict, coping skills, identification of stressors, time management, and the physiology of stress and burnout. Upon completion, students should be able to demonstrate an understanding of the effective management of stress.					
PSY 131	Psychology of Dreams	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course covers the physiology of sleeping and dreaming and the major psychological approaches to the interpretation of dreams. Topics include historical and cultural perspectives on dreams, sleep disorders, and an examination of traditional and contemporary approaches to dreams and their meaning. Upon completion, students should be able to demonstrate a basic understanding of the psychological implications of sleeping and dreaming.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PSY 141	Psychology of Death and Dying	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course presents psychological perspectives on death and dying. Topics include the culturally diverse aspects of death and the grieving process, adjustment mechanisms, interventions, and the psychological and ethical dimensions of death and dying. Upon completion, students should be able to demonstrate an understanding of the psychosocial aspects of death and dying.					
PSY 150	General Psychology	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
PSY 183	Psychology of Addiction	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course covers historical and theoretical perspectives on addictive behavior and the genetic, familial, and sociocultural influences on addiction. Topics include addictions to eating, gambling, alcohol, drugs, relationships, work, and sex. Upon completion, students should be able to demonstrate a knowledge of the theories of addiction and the factors underlying addictive behaviors.					
PSY 211	Psychology of Adjustment	3	0	0	3
Prerequisites:	PSY 150				
Corequisites:					
This course introduces the study of the adjustment process focusing on contemporary challenges individuals must deal with in everyday life. Topics include theories of behavior, career choices, self-understanding, coping mechanisms, human relationships, intimacy, sociocultural factors influencing healthy personal adjustment, and other related topics. Upon completion, students should be able to demonstrate an awareness of the processes of adjustment.					
PSY 237	Social Psychology	3	0	0	3
Prerequisites:	PSY 150 or SOC 210				
Corequisites:					
This course introduces the study of individual behavior within social contexts. Topics include affiliation, attitude formation and change, conformity, altruism, aggression, attribution, interpersonal attraction, and group behavior. Upon completion, students should be able to demonstrate an understanding of the basic principles of social influences on behavior. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
PSY 239	Psychology of Personality	3	0	0	3
Prerequisites:	PSY 150				
Corequisites:					
This course covers major personality theories and personality research methods. Topics include psychoanalytic, behavioristic, social learning, cognitive, humanistic, and trait theories including supporting research. Upon completion, students should be able to compare and contrast traditional and contemporary approaches to the understanding of individual differences in human behavior. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PSY 241	Developmental Psychology	3	0	0	3
Prerequisites:	PSY 150				
Corequisites:					
This course is a study of human growth and development. Emphasis is placed on major theories and perspectives as they relate to the physical, cognitive, and psychosocial aspects of development from conception to death. Upon completion, students should be able to demonstrate knowledge of development across the life span. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
PSY 243	Child Psychology	3	0	0	3
Prerequisites:	PSY 150				
Corequisites:					
This course provides an overview of physical, cognitive, and psychosocial development from conception through adolescence. Topics include theories and research, interaction of biological and environmental factors, language development, learning and cognitive processes, social relations, and moral development. Upon completion, students should be able to identify typical and atypical childhood behavior patterns as well as appropriate strategies for interacting with children.					
PSY 246	Adolescent Psychology	3	0	0	3
Prerequisites:	PSY 150				
Corequisites:					
This course provides an overview of the behavior patterns, life changes, and social issues that accompany the developmental stage of adolescence. Topics include developmental theories; physical, cognitive and psychosocial growth; transitions to young adulthood; and sociocultural factors that influence adolescent roles in home, school and community. Upon completion, students should be able to identify typical and atypical adolescent behavior patterns as well as appropriate strategies for interacting with adolescents.					
PSY 247	Psychology of Adulthood	3	0	0	3
Prerequisites:	PSY 150				
Corequisites:					
This course examines the major theories and patterns of adult development from young adulthood to late adulthood. Topics include physical, cognitive, and psychosocial changes with an emphasis on relationships, family patterns, work roles, community interactions, and the challenges of each stage of adulthood. Upon completion, students should be able to demonstrate a knowledge of adult development and an ability to apply this knowledge to their own lives.					
PSY 259	Human Sexuality	3	0	0	3
Prerequisites:	PSY 150				
Corequisites:					
This course provides the biological, psychological, and sociocultural aspects of human sexuality and related research. Topics include reproductive biology, sexual and psychosexual development, sexual orientation, contraception, sexually transmitted diseases, sexual disorders, theories of sexuality, and related issues. Upon completion, students should be able to demonstrate an overall knowledge and understanding of human sexuality.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
PSY 281	Abnormal Psychology	3	0	0	3
Prerequisites:	PSY 150				
Corequisites:					
This course provides an examination of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is placed on terminology, classification, etiology, assessment, and treatment of the major disorders. Upon completion, students should be able to distinguish between normal and abnormal behavior patterns as well as demonstrate knowledge of etiology, symptoms, and therapeutic techniques. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
PSY 292	Selected Topics in Psychology I	2	0	0	2
Prerequisites:	PSY 150 and permission of instructor				
Corequisites:					
This course provides an opportunity to explore areas of current interest in specific program or discipline areas. Emphasis is placed on subject matter appropriate to the program or discipline. Upon completion, students should be able to demonstrate an understanding of the specific area of study. Refer to syllabus for specifics of the course.					
PSY 293	Selected Topics in Psychology II	3	0	0	3
Prerequisites:	PSY 150 and permission of instructor				
Corequisites:					
This course provides an opportunity to explore areas of current interest in specific program or discipline areas. Emphasis is placed on subject matter appropriate to the program or discipline. Upon completion, students should be able to demonstrate an understanding of the specific area of study. Refer to syllabus for specifics of the course.					
PSY 297	Seminar in Psychology I	2	0	0	2
Prerequisites:	PSY 150 and permission of instructor				
Corequisites:					
This course provides an opportunity to explore topics of current interest. Emphasis is placed on the development of critical listening skills and the presentation of seminar issues. Upon completion, students should be able to critically analyze issues and establish informed opinions. Refer to syllabus for specifics of the course.					
PSY 298	Seminar in Psychology II	3	0	0	3
Prerequisites:	PSY 150 and permission of instructor				
Corequisites:					
This course provides an opportunity to explore topics of current interest. Emphasis is placed on the development of critical listening skills and the presentation of seminar issues. Upon completion, students should be able to critically analyze issues and establish informed opinions. Refer to syllabus for specifics of the course.					
RED 070	Essential Reading Skills	3	2	0	4
Prerequisites:					
Corequisites:					
This course is designed to strengthen reading skills. Emphasis is placed on basic word attack skills, vocabulary, transitional words, paragraph organization, basic comprehension skills, and learning strategies. Upon completion, students should be able to demonstrate competence in the skills required for RED 080. This course does not satisfy the developmental reading and writing prerequisite for ENG 111 or ENG 111A.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
RED 080	Introduction to College Reading	3	2	0	4
Prerequisites:	RED 070				
Corequisites:					
This course introduces effective reading and inferential thinking skills in preparation for RED 090. Emphasis is placed on vocabulary, comprehension, and reading strategies. Upon completion, students should be able to determine main ideas and supporting details, recognize basic patterns of organization, draw conclusions, and understand vocabulary in context. <i>This course does not satisfy the developmental reading prerequisite for ENG 111.</i>					
RED 090	Improved College Reading	3	2	0	4
Prerequisites:	RED 080				
Corequisites:					
This course is designed to improve reading and critical thinking skills. Topics include vocabulary enhancement; extracting implied meaning; analyzing author's purpose, tone, and style; and drawing conclusions and responding to written material. Upon completion, students should be able to comprehend and analyze college-level reading material. <i>This course satisfies the developmental reading prerequisite for ENG 111.</i>					
RED 111	Critical Reading for College	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course is designed to enhance critical reading skills. Topics include vocabulary enrichment, reading flexibility, metacognitive strategies, and advanced comprehension skills, including analysis and evaluation. Upon completion, students should be able to demonstrate comprehension and analysis and respond effectively to material across disciplines.					
REL 110	World Religions	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the world's major religious traditions. Topics include Primal religions, Hinduism, Buddhism, Islam, Judaism, and Christianity. Upon completion, students should be able to identify the origins, history, beliefs, and practices of the religions studied. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
REL 111	Eastern Religions	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the major Asian religious traditions. Topics include Hinduism, Buddhism, Taoism, Confucianism, and Shinto. Upon completion, students should be able to identify the origins, history, beliefs, and practices of the religions studied. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
REL 112	Western Religions	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the major western religious traditions. Topics include Zoroastrianism, Islam, Judaism, and Christianity. Upon completion, students should be able to identify the origins, history, beliefs, and practices of the religions studied. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
REL 211	Intro to Old Testament	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course is a survey of the literature of the Hebrews with readings from the law, prophets, and other writings. Emphasis is placed on the use of literary, historical, archeological, and cultural analysis. Upon completion, students should be able to use the tools of critical analysis to read and understand Old Testament literature. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
REL 212	Introduction to New Testament	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course is a survey of the literature of first-century Christianity with readings from the gospels, Acts, and the Pauline and pastoral letters. Topics include the literary structure, audience, and religious perspective of the writings, as well as the historical and cultural context of the early Christian community. Upon completion, students should be able to use the tools of critical analysis to read and understand New Testament literature. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
REL 221	Religion in America	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course is an examination of religious beliefs and practice in the United States. Emphasis is placed on mainstream religious traditions and non-traditional religious movements from the Colonial period to the present. Upon completion, students should be able to recognize and appreciate the diversity of religious traditions in America. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
SOC 105	Social Relationships	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course is designed to study social relations and human behavior in all aspects of society. Emphasis is placed on the individual in the family, educational setting, and workplace. Upon completion, students should be able to apply knowledge about human behavior to improve interpersonal and job effectiveness. <i>This course is intended for certificate and diploma programs.</i>					
SOC 210	Introduction to Sociology	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
SOC 213	Sociology of the Family	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course covers the institution of the family and other intimate relationships. Emphasis is placed on mate selection, gender roles, sexuality, communication, power and conflict, parenthood, diverse lifestyles, divorce and remarriage, and economic issues. Upon completion, students should be able to analyze the family as a social institution and the social forces which influence its development and change. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
SOC 220	Social Problems	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides an in-depth study of current social problems. Emphasis is placed on causes, consequences, and possible solutions to problems associated with families, schools, workplaces, communities, and the environment. Upon completion, students should be able to recognize, define, analyze, and propose solutions to these problems. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
SOC 225	Social Diversity	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides a comparison of diverse roles, interests, opportunities, contributions, and experiences in social life. Topics include race, ethnicity, gender, sexual orientation, class, and religion. Upon completion, students should be able to analyze how cultural and ethnic differences evolve and how they affect personality development, values, and tolerance. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.</i>					
SOC 230	Race and Ethnic Relations	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course includes an examination of the various aspects of race and ethnicity and how these lead to different experiences, opportunities, problems, and contributions. Topics include prejudice, discrimination, perceptions, myths, stereotypes, and intergroup relationships. Upon completion, students should be able to identify and analyze relationships among racial and ethnic groups within the larger society.					
SOC 234	Sociology of Gender	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course examines contemporary roles in society with special emphasis on recent changes. Topics include sex role socialization, myths and stereotypes, gender issues related to family, work, and power. Upon completion, students should be able to analyze modern relationships between men and women.					
SOC 242	Sociology of Deviance	3	0	0	3
Prerequisites:	RED 090				
Corequisites:					
This course provides an overview of deviant behavior and the processes involved in its definition, causation, prevention, control, and treatment. Topics include theories of causation, social control, delinquency, victimization, criminality, the criminal justice system, punishment, rehabilitation, and restitution. Upon completion, students should be able to identify and analyze issues surrounding the nature and development of social responses to deviance.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
SOC 250	Sociology of Religion	3	0	0	3
Prerequisites: RED 090					
Corequisites:					
This course examines religion from a sociological perspective as part and product of human society. Topics include the origins, development, and functions of belief systems; religious organizations; conversion; and interactions with politics, the economy, science, and the class system. Upon completion, students should be able to describe and analyze religious systems.					
SPA 111	Elementary Spanish I	3	0	0	3
Prerequisites:					
Corequisites:					
This course introduces the fundamental elements of the Spanish language within a cultural context. Emphasis is placed on the development of basic listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond with grammatical accuracy to spoken and written Spanish and demonstrate cultural awareness. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
SPA 112	Elementary Spanish II	3	0	0	3
Prerequisites: SPA 111					
Corequisites:					
This course is a continuation of SPA 111 focusing on the fundamental elements of the Spanish language within a cultural context. Emphasis is placed on the progressive development of listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond with increasing proficiency to spoken and written Spanish and demonstrate further cultural awareness. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
SPA 141	Culture and Civilization	3	0	0	3
Prerequisites:					
Corequisites:					
This course provides an opportunity to explore issues related to the Hispanic world. Topics include historical and current events, geography, and customs. Upon completion, students should be able to identify and discuss selected topics and cultural differences related to the Hispanic world.					
SPA 211	Intermediate Spanish I	3	0	0	3
Prerequisites: SPA 112					
Corequisites:					
This course provides a review and expansion of the essential skills of the Spanish language. Emphasis is placed on the study of authentic and representative literary and cultural texts. Upon completion, students should be able to communicate effectively, accurately, and creatively about the past, present, and future. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					
SPA 212	Intermediate Spanish II	3	0	0	3
Prerequisites: SPA 211					
Corequisites:					
This course provides a continuation of SPA 211. Emphasis is placed on the continuing study of authentic and representative literary and cultural texts. Upon completion, students should be able to communicate spontaneously and accurately with increasing complexity and sophistication. <i>This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts.</i>					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
WLD 110	Cutting Processes	1	3	0	2
Prerequisites:					
Corequisites:					
This course introduces oxy-fuel and plasma-arc cutting systems. Topics include safety, proper equipment setup, and operation of oxy-fuel and plasma-arc cutting equipment with emphasis on straight line, curve and bevel cutting. Upon completion, students should be able to oxy-fuel and plasma-arc cut metals of varying thickness.					
WLD 112	Basic Welding Processes	1	3	0	2
Prerequisites:					
Corequisites:					
This course introduces basic welding and cutting. Emphasis is placed on beads applied with gases, mild steel fillers, and electrodes and the capillary action of solder. Upon completion, students should be able to set up welding and oxy-fuel equipment and perform welding, brazing, and soldering processes.					
WLD 115	SMAW (Stick) Plate	2	9	0	5
Prerequisites:					
Corequisites:					
This course introduces the shielded metal arc (stick) welding process. Emphasis is placed on padding, fillet, and groove welds in various positions with SMAW electrodes. Upon completion, students should be able to perform SMAW fillet and groove welds on carbon plate with prescribed electrodes.					
WLD 116	SMAW (Stick) Plate/Pipe	1	9	0	4
Prerequisites: WLD 115					
Corequisites:					
This course is designed to enhance skills with the shielded metal arc (stick) welding process. Emphasis is placed on advancing manipulative skills with SMAW electrodes on varying joint geometry. Upon completion, students should be able to perform groove welds on carbon steel with prescribed electrodes in the flat, horizontal, vertical, and overhead positions.					
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	4
Prerequisites:					
Corequisites:					
This course introduces metal arc welding and flux core arc welding processes. Topics include equipment setup and fillet and groove welds with emphasis on application of GMAW and FCAW electrodes on carbon steel plate. Upon completion, students should be able to perform fillet welds on carbon steel with prescribed electrodes in the flat, horizontal, and overhead positions.					
WLD 122	GMAW (MIG) Plate/Pipe	1	6	0	3
Prerequisites: WLD 121					
Corequisites:					
This course is designed to enhance skills with the gas metal arc (MIG) welding process. Emphasis is placed on advancing skills with the GMAW process making groove welds on carbon steel plate and pipe in various positions. Upon completion, students should be able to perform groove welds with prescribed electrodes on various joint geometry.					
WLD 131	GTAW (TIG) Plate	2	6	0	4
Prerequisites:					
Corequisites:					
This course introduces the gas tungsten arc (TIG) welding process. Topics include correct selection of tungsten, polarity, gas, and proper filler rod with emphasis placed on safety, equipment setup, and welding techniques. Upon completion, students should be able to perform GTAW fillet and groove welds with various electrodes and filler materials.					

		<u>Class</u>	<u>Lab</u>	<u>Clin.</u>	<u>Credit</u>
WLD 141	Symbols & Specifications	2	2	0	3

Prerequisites:

Corequisites:

This course introduces the basic symbols and specifications used in welding. Emphasis is placed on interpretation of lines, notes, welding symbols, and specifications. Upon completion, students should be able to read and interpret symbols and specifications commonly used in welding.

WLD 143	Welding Metallurgy	1	2	0	2
----------------	---------------------------	----------	----------	----------	----------

Prerequisites:

Corequisites:

This course introduces the concepts of welding metallurgy. Emphasis is placed on basic metallurgy, effects of welding on various metals, and metal classification and identification. Upon completion, students should be able to understand basic metallurgy, materials designation, and classification systems used in welding.

WLD 151	Fabrication I	2	6	0	4
----------------	----------------------	----------	----------	----------	----------

Prerequisites: WLD 110, WLD 115, WLD 116, and WLD 131

Corequisites:

This course introduces the basic principles of fabrication. Emphasis is placed on safety, measurement, layout techniques, and the use of fabrication tools and equipment. Upon completion, students should be able to perform layout activities and operate various fabrication and material handling equipment.

WLD 261	Certification Practices	1	3	0	2
----------------	--------------------------------	----------	----------	----------	----------

Prerequisites: WLD 115, WLD 121, and WLD 131

Corequisites:

This course covers certification requirements for industrial welding processes. Topics include techniques and certification requirements for prequalified joint geometry. Upon completion, students should be able to perform welds on carbon steel plate and/or pipe according to applicable codes.

Notes

Notes

Notes

Personnel



Notes

BOARD OF TRUSTEES

William E. Arrowood, <i>Chairman</i>	Mitchell County
Charles Ronald Kates, <i>Vice-Chairman</i>	Yancey County
James W. Burleson	Avery County
Phillip A. Byrd	Mitchell County
Jacquelyn H. Coffey	Avery County
Ralph J. Gwaltney	Avery County
J. Wayne Hall	Mitchell County
Phillip M. Hughes	Yancey County
Marvin S. Miller	Mitchell County
Julia B. Norris	Yancey County
Sam L. Ray, Jr.	Avery County
Jack L. Wilson, Jr.	Yancey County
Cynthia Ann Crowder	President, Student Government Association

BOARD OF DIRECTORS MAYLAND COMMUNITY COLLEGE FOUNDATION, INCORPORATED

The Mayland Community College Foundation is a group of citizens from the three-county area who work to raise funds and cultivate friends for the College. The results of their efforts are evident in special projects at the College, scholarships for students, and the construction of the Phillips-Gwaltney Child Development Center. The Board of Directors for the Foundation includes:

<u>NAME</u>	<u>COUNTY</u>
Robert Lincks, <i>President</i>	Avery County
Walt Cross, <i>Vice-President</i>	Mitchell County
William E. Arrowood	Mitchell County
Susan Ball	Yancey County
Mary Ballew	Mitchell County
Tom Bledsoe	Avery County
Dr. Iva Nell Buckner	Yancey County
Carolyn W. Cohen	At-Large Member
Cathy Dobson	Mitchell County
Scott Gillam	Yancey County
Gary Hamrick	Mitchell County
Jerry Hatfield	Yancey County
Jim Morton	Avery County
Julia B. Norris	Yancey County
Virginia Norris	Avery County
Dr. Suzanne Y. Owens	MCC Staff
Wanda Proffitt	Yancey County
Sam L. Ray, Jr.	Avery County
Fritz Schulte	Mitchell County
Edwina Sluder	Avery County
Jerri Storie	Yancey County
Marjorie C. Unrath	Avery County
Dr. Diane Walker	Mitchell County
Dr. Thomas E. Williams	MCC President

FACULTY AND STAFF

PRESIDENT'S OFFICE

- Thomas Williams President
B. S., University of North Carolina-Pembroke;
M.Ed., Ed. D., North Carolina State University
- Rosalie B. Silver. Executive Assistant/Secretary, Board of Trustees
A.A., Lees-McRae College
- Richard W. Sullins Special Assistant to the President
B.S., Western Carolina University;
Western Carolina Leadership Development Program
- Nikonya Carpenter Annual Part-Time Secretary to the President
- Anne W. Castro Coordinator, Personnel Services
A.A.S., Mayland Community College;
B.S., Milligan College

INSTRUCTIONAL SERVICES

- Rick Garrett Vice President, Instructional Services;
B.S., M.A. Ed., Western Carolina University;
Ed.D. North Carolina State University,
Community Development Facilitator Training, DACUM Facilitator Training,
Community-Based Programming Institute, National Issues Forum and Public
Policy Institute.
- Sharon Metcalfe Director, Nursing Programs, Instructional Services
B.S.N., M.S.N., University of Colorado;
Ed.D. North Carolina State University
- Debbie Stafford Administrative Assistant, Instructional Services
A.A.S., Mayland Community College
- Misty Sparks Secretary, Instructional Services
A.A.S., Mayland Community College

PRISON PROGRAMS

- Gregory W. Barksdale Annual Part-Time Faculty,
Computer Information Systems Technology, Prison Programs
B.S., Western Carolina University;
Additional work at Western Carolina University
- Sonny O. Benfield Annual Part-Time Faculty, Masonry Technology, Prison Programs
Additional work at Mayland Community College
- Devon Buck Annual Part-Time Faculty, Electronics Technology, Prison Programs
A.A.S., Northeast State Technical Community College;
Additional work at East Tennessee State University

Louise Buchanan Administrative Assistant, Prison Programs
Attended Steed College of Technology, Mayland Community College

James Garofalo Faculty, Carpentry Technology, Prison Programs

Pamela B. Gagne Annual Part-Time Faculty,
 Computer Information Systems Technology, Prison Programs
B.S., Jacksonville State University

Christopher D. Helms Annual Part-Time Faculty,
 Commercial Cleaning Technology, Prison Programs
B.S., Gardner -Webb University

Philip Johnson Faculty, Horticulture Technology, Prison Programs
B.S., North Carolina State University

Randy McClellan Faculty, Masonry Technology, Prison Programs

John Smith Annual Part-Time Faculty,
 Heating & Air Conditioning Technology, Prison Programs
B.S., North Carolina State University

CURRICULUM AND CONTINUING EDUCATION FACULTY

Renie Braswell Division Chairperson, Arts & Sciences Programs
B.S., M.A., Ed.S., Appalachian State University

James M. Buchanan Department Head/Faculty, Auto Body Repair Technology,
 Vocational & Correctional Technologies Programs
Diploma, McDowell Community College; Diploma, Mayland Community College; ASE Certification: 1-Car Training, Unibody Collision Repair, Unibody Refresher Course, Finish Matching, Plastic Repair, Advanced Vehicle Systems, Electronics for Collision Repair, Black Hawk Frame School; Kansas Jack Frame School; Martin-Semour Training School; 3M Vocational Instructor Training; 3M Collision Shop Management Courses; PPG Refinishing Certification (Bronze Level); PPG Vo-Tech Instructor's Training; General Motors Courses; Hunter Wheel Alignment School

Rhia M. Crawford Division Chairperson, Business & Public Services Technologies Programs,
B.S., Freed-Hardeman College; M.A., Appalachian State University

Ron Davis Division Chairperson, Vocational & Correctional Technologies Programs
B.S. Wingate University;
M.S. , North Carolina A. & T. University

Angie Duncan Faculty, Nursing Program , Arts & Sciences Programs
R.N., Presbyterian School of Nursing; B.S., M..Ed., Appalachian State University; Certified Provider of: Advanced Cardiac Life Support, Trauma Nursing Core Course, Basic Trauma Life Support and Mobile Intensive Care Nursing

- William Don Edwards Faculty, Criminal Justice Technology Program,
Business & Public Services Technologies Programs
B.S., University of Nebraska at Omaha;
M.A., Webster University;
Additional work at University of Maryland-European Division; NC State
University; Institute of Government at Chapel Hill, NC, NC Justice Academy;
U.S. Army Intelligence School, Baltimore, MD.
- Scott Evans Faculty, Biology Program, Arts & Sciences Programs
B.S., University of Tennessee at Martin, M.S., North Carolina State University,
Additional work at Appalachian State University
- Jean Finley Faculty, Office Systems Technology,
Business & Public Services Technologies Programs
A.A.S. McDowell Technical College, B.S.B.A., Gardner Webb University
- Janet C. Graham Faculty, Developmental Reading Program,
Arts & Sciences Programs
B.S., East Carolina University;
Resource Specialist in ABS Instructor Training, Appalachian State University;
M.A., Appalachian State University
- Marie Greene Faculty, Microcomputer Systems Technology,
Business & Public Services Technologies Programs
B.S., North Carolina State University, M.A., Appalachian State University
- Rhonda L. Gunter Faculty, History Program, Arts & Sciences Programs
B.S., M.A., Appalachian State University;
Additional work at Appalachian State University
- Theodore R. Henson Annual Part-Time Faculty, Carpentry Program,
Off-Campus Programs-Avery County
- Gregory Ledford Information Systems Specialist, Community Services Programs
A.A.S., Mayland Community College
- Rosita E. Ledwell Annual Part-Time Faculty, Cosmetology Program,
Vocational & Correctional Technologies Programs
Diploma, Robeson Community College;
Additional work at Pembroke State University
- Ruth Ann Lewis Department Head/Faculty, Cosmetology Programs,
Vocational & Correctional Programs
Graduate, Western Academy of Hair Design;
Advanced Study at Pivot;
B.S., Western Carolina University
- Stephen P. Liberty Faculty, Psychology Programs, Arts & Sciences Programs
B.A., University of Tennessee;
M.Ed., Clemson University;
Additional work at University of Northern Colorado
- Brenda W. McFee Faculty, Business Administration Programs,
Business & Public Services Technologies Programs
B.S.B.A., M.B.A. Western Carolina University;
Certified Trainer - TQT, PQ Systems,
Additional work at the University of Missouri-Columbia

- Samanthia Ann McIntosh Faculty, Nursing Programs, Arts & Sciences Programs
Diploma, Cabarrus Memorial Hospital School of Nursing,
B.S.N., Gardner Webb University
- Beth Mitchell Faculty, English Programs, Arts & Sciences Programs
B.A., M.A., University of Northern Colorado;
Additional work with the Chair Academy and Institute for Leadership Training
and Development, Mesa, Arizona
- Robert O. Parriott Faculty, Biology Programs, Arts & Sciences Programs
B.S., Berea College,
M.S., Appalachian State University
- Sandra Pierce Faculty, Development Math Programs, Arts & Sciences Programs
A.A.S., Mountain Empire Community College;
B.S., Clinch Valley College;
M.S., East Tennessee State University
- David Pittman Department Head/Faculty, Electronics Programs,
Vocational & Correctional Programs
B.S., M.S., Appalachian State University
- Lenise Ramsey Faculty, Developmental English Program, Arts & Sciences Programs
B.A., Mars Hill College,
M.A., Western Carolina University
- Paula S. Schlesinger Faculty, Math Programs, Arts & Sciences
B. S. Case Western Reserve ,
M.A., West Virginia University
- Larry L. Sparks Faculty, Welding Technology Programs,
Vocational & Correctional Technologies Programs
Welding Certification, Froehling and Robertson, Inc.
- Judy S. Stevens Department Head/Faculty, Early Childhood Programs,
Business & Public Services Technologies Programs
B.S., M.A.Ed., Western Carolina University;
Additional work at University of North Carolina at Chapel Hill
- Robert Taylor Faculty, Accounting Programs,
Business & Public Services Technologies Programs
B.B.A., M.A. East Tennessee State University
- Teila B. Terrell Annual Part-Time Faculty,
Human Resources Development Program
B.S., Appalachian State University;
M.B.A., Western Carolina University;
Additional work at Appalachian State University
- Vicki Wise Faculty, Nursing Program, Arts & Sciences Programs
B.S.N. University of North Carolina at Greensboro
- Kim Yates Department Head/Faculty,
Horticulture Programs, Vocational & Correctional Programs
B.S. North Carolina State University;
Additional work at Western Carolina University; Central Washington University,
N.C. Pesticide License

Edward Young Faculty, Information Systems Technology Program ,
 Business & Public Services Technologies Programs
B.S., University of North Carolina at Chapel Hill;
M.B.A., East Carolina University;
Additional work at Western Carolina University

LEARNING RESOURCES CENTER

J. Jeanne Whisnant Director, Learning Resources Center & Distance Education
A.A., A.A.S., Caldwell Community College and Technical Institute;
B.S., M.A., Appalachian State University;
M.L.S., North Carolina Central University

Mamie Carpenter Assistant Librarian
A.A.S., Mayland Community College; Additional classes at
Gardner-Webb University

Jon Wilmesherr Technical Services Librarian
B.A., University of Georgia;
M.A., Ed.S., Appalachian State University

Richard Linville Distance Education Technician
Additional work at Mayland Community College

CONTINUING EDUCATION

Susan Allen Annual Part-time Secretary, Community Services Programs
Additional work at Mayland Community College

Robert Branch Director, Small Business Center
 & Human Resources Development Programs
B.A., North Carolina State University;
M.S., Western Carolina University
Rural Economic Development Institute Leadership Program; additional work
at the Way Biblical Research Center, Emporia, Kansas, Belk Corporation
Management Training Program; and Mayland Community College

Cathy Dobson Annual Part-time Recruiter,
 Human Resources Development Program
A.A. Mars Hill College

Vicki Foster Annual Part-time Secretary, Off-Campus Programs- Avery County
B.S. University of Tennessee

Jerry V. Hatfield Director, Off-Campus Programs – Yancey County
B.S., Mars Hill College;
M.B.A., Western Carolina University

Sheila Hill Annual Part-time Secretary, Off-Campus Programs-Yancey County
A.A.S. Mayland Community College

Kay O. Goins Coordinator, Community Services Programs

Paul E. Rash Director, Off-Campus Programs-Avery County
B.S., M.A., Appalachian State University,
N.C. Real Estate Broker License

Shelby Silvers Secretary, Small Business Center & HRD Programs
Diploma, Blantons Business College

WORKFORCE DEVELOPMENT PROGRAM

Ruby Greene Director, Workforce Development
Accounting Diploma, McDowell Technical Community College
Additional work at Mayland Community College, Career Development Facilitator Training, NC Supervision for Managers and Professionals Program, State Personnel Equal Employment Opportunity Institute

Rebecca Kenyon Career Development Facilitator
B.S., University of West Florida;
Additional work at University of West Florida

Pamela C. Wilson Career Development Facilitator
A.A.S., Mayland Community College

BASIC SKILLS/LEARNING LABORATORY

Louise B. Hembree Director, Basic Skills Program
B.S., M.A., Ed.S., Appalachian State University;
Additional work at University of North Carolina at Chapel Hill, North Carolina State University, and Virginia Polytechnic Institute and State University

Steve Gunter Coordinator, Learning Lab
B.S., Appalachian State University;
Additional work at Appalachian State University

Tnellia M. Young Annual Part-Time Coordinator,
Compensatory Education, Basic Skills Program
B.A., Sacred Heart College;
Additional work at Appalachian State University

Joyce Boone ABE/GED Recruiter

Steve Botney Faculty, Basic Skills Program , Prison Programs
A..S., Palm Beach Community College,
B.S., Mars Hill College

Sara E. Coffey Annual Part-Time Faculty, Basic Skills Program , Prison Programs
B.A., Emory & Henry College

Holli E. Greiner . Annual Part-Time Faculty, Basic Skills Program , Prison Programs
B.S., Florida Atlantic University

Darlene Hicks Annual Part-Time Faculty, Basic Skills Program , Prison Programs
B.S., Gardner-Webb University;
Additional work at N.C. Institute of Government

Sheila Laws Annual Part-Time Secretary, Basic Skills Program,

Judith McAuliffe Annual Part-Time Faculty, Basic Skills Program
B.S., University of South Florida

Sharon H. Weeks Annual Part-Time Faculty, Basic Skills Program
B.S., University of Louisville

PHILLIPS-GWALTNEY CHILD DEVELOPMENT CENTER

Elizabeth B. Silvers Director, Phillips-Gwaltney Child Development Center
A.A., B.A. Lees-McRae College;
M.A., Appalachian State University

Melissa Benfield Annual Part-Time Assistant Teacher

Jennifer Buchanan Annual Part-Time Assistant Teacher

Regina Daniels Assistant, Child Development Center
Diploma, Mayland Community College

Rita Gouge Lead Teacher
A.A.S., Mayland Community College

Heather Hall Lead Teacher
A.A.S. Mayland Community College

Heather Hoilman Annual Part-Time Assistant Teacher

Holly Horney Annual Part-Time Assistant Teacher

Emily W. Patton Interim Lead Teacher
A.A.S., Mayland Community College

Deena G. Presnell Lead Teacher
A.A.S., Mayland Community College

Sue Ann Rose Annual Part-Time Assistant Teacher
A.A.S., Mayland Community College

Alicia Shell Lead Teacher
B.S., Appalachian State University

Sharleen Wiseman Annual Part-Time Assistant Teacher

ADMINISTRATIVE SERVICES

Julia S. Hardie Interim Vice President
A.A.S., Mayland Community College

Dickie R. Perry Director, Computer Services
A.A.S., Mayland Community College;
B.T.B.A., Appalachian State University

Donald Hensley Coordinator, Equipment/Purchasing
A.A.S., Mayland Community College;
B.T.B.A., Appalachian State University

Troy G. Hughes Supervisor, Maintenance

Phil Germaine Food Service Manager

Toni Crowder Bookstore Manager

Judy Cantrell Annual Part-Time Custodian, Environmental Services

Dawn Carpenter Administrative Assistant
B.S., Gardner Webb University

Patricia Coinner Computer Services Support Unit Technician
A.A.S., Mayland Community College

Evelyn Cox Accounting Technician
A.A.S., Mayland Community College

Marc Custode Maintenance Technician

Sharion Harris Annual Part-Time Custodian, Environmental Services

Kenny Naillon Custodian

Norma Germaine Environmental Technician III

Dianne Griffith Receptionist
Diploma, Mayland Community College

Barbara F. McCurry Accounting Technician
A.A.S., Mayland Community College

Kathy Hughes Accounting Technician
A.A.S., Mayland Community College;
B.S., Mars Hill College

Ronnie L. Hullett Maintenance Technician
Diploma, Asheville-Buncombe Technical Community College;
Additional work at Mayland Community College; N.C. Electrical Contractor's
License, N.C. Pesticide License

Joyce B. Orndoff Software Analyst
B.S., M.L.S., East Tennessee State University;
Additional work at Appalachian State University and
North Carolina State University

J. Michael Phillips Computer Services Support Technician
A.A.S., Mayland Community College

Cynthia M. Renfro Cashier
A.A.S., Mayland Community College

Debra Watson Annual Part-Time Custodian, Environmental Services

Marie Watson Annual Part-Time Assistant, Bookstore Services

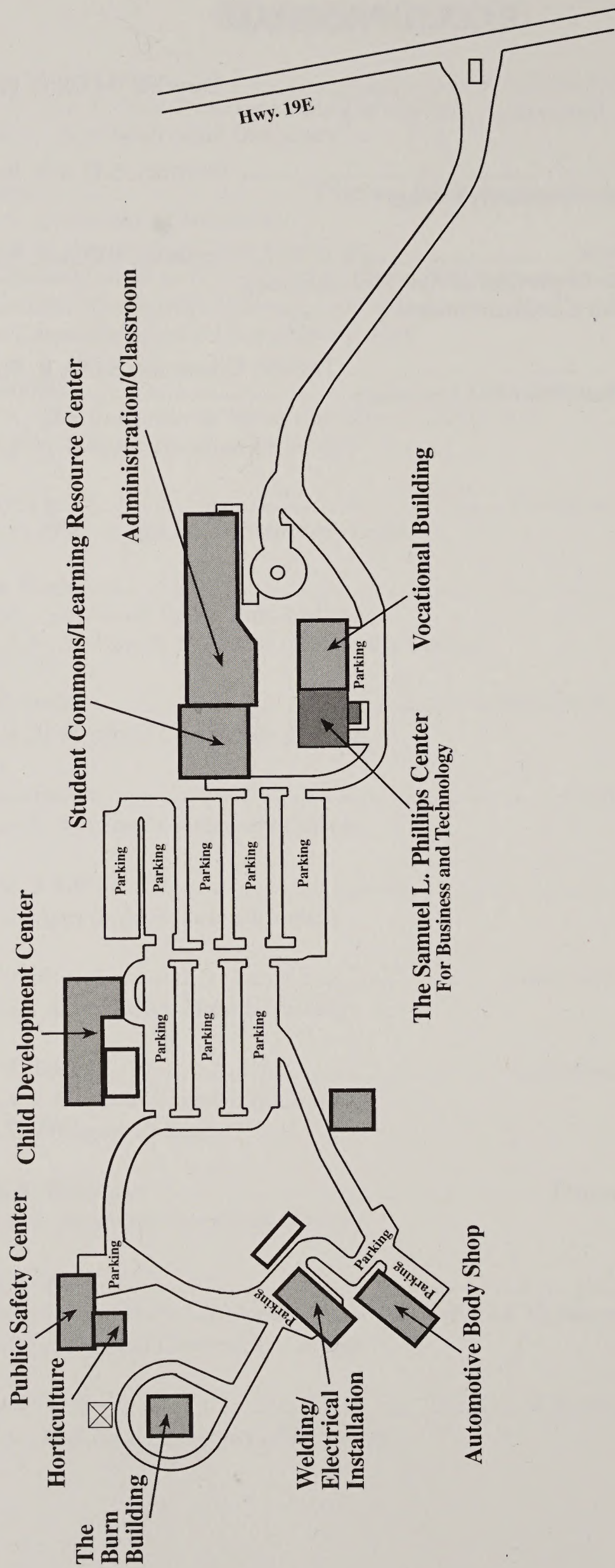
Lina Wise Annual Part-Time Custodian, Environmental Services

STUDENT SERVICES

- Suzanne Young Owens Vice President, Student Services
B.S., M.A.T., East Tennessee State University;
Ed.D., East Texas State University
- John Gossett Director, Institutional Advancement & Planning
B.S., University of Tennessee;
M.B.A., Appalachian State University;
Additional work at North Carolina State University and University of South Carolina; Community College Leadership Institute, 1995; ACCLAIM Institute on Community-Based Programming, 1998
- David Biddix Coordinator, Marketing & Media
B.A., The University of North Carolina at Chapel Hill;
M.P.A., Western Carolina University
- Doug Dewar Coordinator, Career Services
B.A., M.A., Appalachian State University
- R. Alan Buchanan Graphic Artist
A.A., Isothermal Community College;
A.A.S., McDowell Technical Community College
- Paula Crowder Admission/Retention Technician
A.A.S., Mayland Community College
- Melissa Maston Administrative Assistant
A.A.S., Mayland Community College
- Tracy M. Medford Assistant Registrar
B.S., Appalachian State University
- Michelle Musich Admission/Retention Advisor
B.S., Appalachian State University
- Diana O'Shields Admission/Retention Advisor
A.A.S. Mayland Community College;
B.S., Milligan College
- Rhonda S. Robinson Financial Aid Technician
A.A.S., Mayland Community College
- Brenda B. Ward Registrar
Business Secretarial Diploma, McDowell Technical Community College;
A.A.S., Mayland Community College
- Patricia C. Willis Coordinator, Financial Aid
B.S., M.A.Ed., University of Tennessee

S.O.A.R. PROGRAM

- Nancy H. Godwin Director, S.O.A.R. Program
B.A., M.A.Ed., University
- Debra Cagle Secretary, S.O.A.R. Program
A.A.S., Mayland Community College
- Jeannette Murray Peek Counselor, S.O.A.R. Program
B.S., M.A., State University of New York at Albany;
N.C.C. -National Certified Counselor
- April Pittman Transfer Counselor, S.O.A.R. Program
B.S., M.A., Western Carolina University



Mayland Community College Main Campus Spruce Pine, North Carolina

INDEX

Academic Forgiveness	48
Academic Honors	52
Academic Requirements	43
Academic Support	32
Academic Warning, Probation and Suspension	50
Accreditation	12
Admission Procedures	19
Admissions Advising	19
Affirmative Action/Equal Employment Opportunity Policy	6
Attendance	43
Auditing Courses	21
Basic Skills Programs	63
Basic Skills Services	64
Board of Trustees	237
Child Care	36
College Calendar	7
College/Workplace Anti-Violence Policy	13
Commencement Marshals	52
Communicable Disease Policy	34
Computer Use Policy	15
Continuing Education	59
Admission	59
Class Hours	60
Class Locations	59
Class Schedules	59
Community Services/Lifelong Learning	62
Continuing Education Units (CEUs)	60
Fees	60
Focused Industrial Training	61
General Information	59
Minimum Enrollment	60
New and Expanding Industry Training	62
Occupational Extension Courses	60
Correspondence Directory	4
Counseling Center	31
Course Descriptions	161
Course Load	43
Course Substitutions	45
Credit for Experiential Learning	47
Credit for Military Training	47
Curriculum Course Repetition Process	45
Curriculum Laboratory	65
Curriculum Programs	69
Accounting	70
Associate Degree Nursing	76

Associate in General Education	78
Autobody Repair	80
Basic Law Enforcement Training	83
Business Administration	84
Associate in Cosmetology	88
Cosmetology Instructor Training	91
Esthetics Technology	92
Manicuring Instructor Training	93
Criminal Justice Technology	94
Early Childhood Associate	96
Electrical/Electronics Technology	100
Electronics Engineering Technology	102
General Occupational Technology	108
Horticulture Technology	109
Industrial Maintenance	112
Information Systems	114
Medical Office Administration	118
Nursing Assistant	120
Office Systems Technology	121
Truck Driving Training	127
Welding Technology	128
Transfer Programs	
Associate in Arts	133
Associate in Arts - Pre-Major, Birth to Kindergarten	137
Associate in Arts - Pre-Business Administration	140
Associate in Arts - Pre-Criminal Justice	143
Associate in Arts - Pre-Elementary Education	146
Associate in General Education - Business Administration	
Concentration: Marketing and Retailing	150
Associate in General Education - Business Administration	
Concentration: Operations Management	152
Associate in General Education - Forest Management Technology	154
Associate in General Education - Physical Therapy Assistant	156
Associate in Science	158
Degrees, Diplomas and Certificates	52
Distance Education: RAVEN System	56
Evaluation of Progress	51
Evening and Off-Campus Offerings	12
Facilities Use Policy	14
Faculty and Staff	238
Faculty Advisor System	43
Family Educational Rights and Privacy Act (FERPA)	33
Financial Aid	24
Application Procedures	25
Types of Aid	26
Tax Initiatives	27

Resources	28
Satisfactory Academic Progress	29
Scholarships	27
General Admission Requirements	18
General Information	12
Grade Interpretation	49
Grading System	48
Health Services and Emergency Procedures	34
History/College Mission/Goals/Values	9
Honors	52
Housing	34
Human Resources Development Program (HRD)	62
Inclement Weather Policy	43
Instructional Support Services	55
Insurance	22
Learning Resources Center	55
Map	248
MCC Foundation Board of Directors	236
Office Hours	16
Orientation (ACA 111)	30
Parking and Traffic Policies	14
Peer Mentors	36
Placement Testing	24
Possession of Firearms and Other Dangerous Weapons Policy	13
Proficiency Examinations	47
Re-Establishing Benefits	51
Refunds	23
Registration	43
Release of Transcripts	46
Removal of Incompletes	45
Requirements for Graduation	52
Residency Status	23
SafePlace at Mayland	35
Schedule Changes	44
Sexual Harassment Policy	37
Small Business Center (SBC)	62
Special Admission Requirements	19
Sports	35
Student Conduct Policy	36
Student Development Services	18
Student Grievance Policy	37
Student Organizations and Activities	38
Student Records	32
Tobacco-Free Campus Policy	12
Transcript Evaluation	46

Transfer of Credits to MCC 46

Transfer of Credits to Other Schools 46

Tuition Fees and Expenses 22

Veterans’ Benefits 28

Visitors 12

Withdrawal Procedures 44

4,000 copies of this catalog were printed at a cost of \$8,397.00 or \$2.10 per copy.

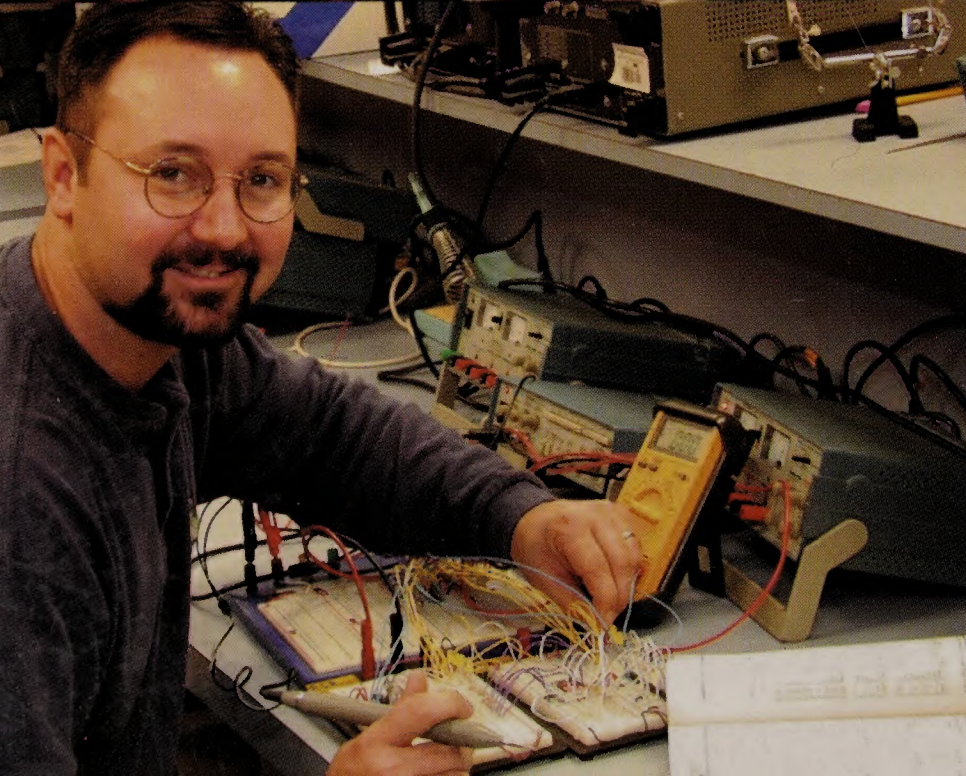
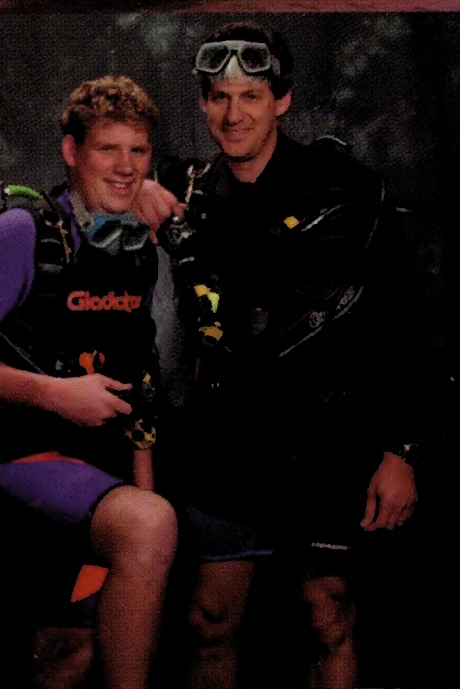
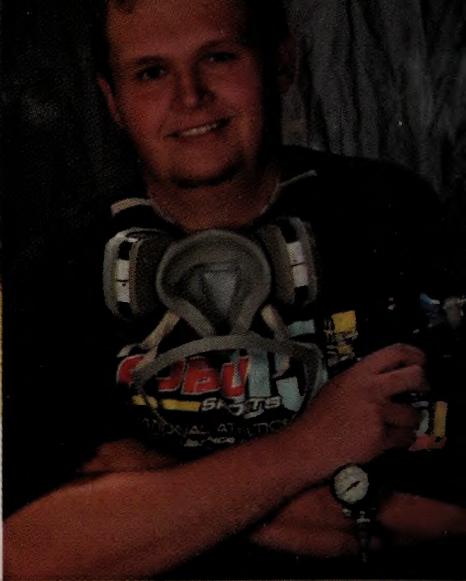
Cover and section photography by Todd Bush, Banner Elk, NC

*Produced by the
Mayland Community College Department of Institutional Advancement & Registrar’s Office
June, 2000*

This publication is printed on recycled paper.

Notes

Notes



Mayland Community College
 200 Mayland Drive
 P.O. Box 547
 Spruce Pine, N.C. 28777
<http://www.mayland.cc.nc.us>

Non-Profit
 Organization
 Postage and Fees
PAID
 Mayland
 Community College
 Permit No. 7716
 Spruce Pine,
 NC 28777